TA-D607

SERVICE MANUAL

AEP Model UK Model



This set is the amplifier section in LBT-D607/607CD.

SPECIFICATIONS

Continuous RMS power output

70 W + 70 W

(6 ohms, at 1 kHz, 5% THD)

60 W +60 W

(6 ohms, DIN, 1 kHz) 110 W + 110 W

Music power output

(6 ohms, at 1 kHz, 10% THD)

Input	Jack type	Sensitivity	Impedance		
VIDEO1/DAT	Phono	245 mV	47 kohms		
VIDEO2	Phono	245 mV	47 kohms		
PHONO(MM)	Phono	3.3 mV	47 kohms		
MIC	Phone	1 mV	10 kohms		

Audio output	Jack type	Voltage	Impedance				
VIDEO1/DAT	Phono	200 mV	2 kohms				
SURROUND SPEAKER	Phono	Accepts speakers of 16 ohms					
HEADPHONES	Stereophone	Accepts hea	dphones of 8 re				

Video output (phono jack)

Frequency response

VIDEO1/DAT

1 Vp-p, 75Ω unbalanced,

sync negative

MONITOR 1 Vp-p, 75Ω unbalanced,

sync negative 15 Hz to 50 kHz +0 dB

240 V AC, 50/60 Hz Power requirements

400 W Power consumption

Approx. 6.5 kg (14 lbs 5 oz) Weight

Approx. 355 x 132 x 320 mm Dimensions (14 x 51/4 x 125/8 inches)

(w/h/d, including projections)

Design and specifications are subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding



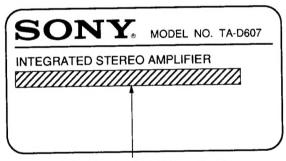
INTEGRATED STEREO AMPLIFIER SONY

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MODEL IDENTIFICATION

- Model Number Portion -



AEP model : AC : 220-230V \sim 50 / 60Hz UK model : AC : 240V \sim 50 / 60Hz

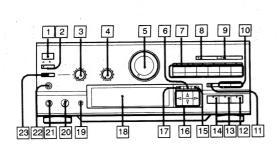
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK A OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

This section is extracted from instruction manual.

Location of Controls



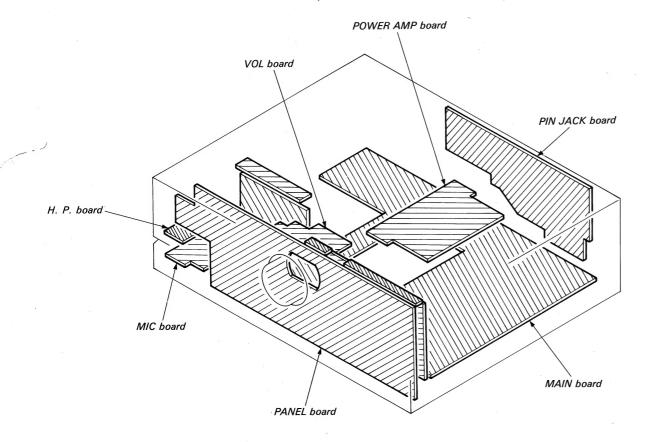
POWER switch (8)
EFFECT button and indicator (39)
BASS SYNTHESIZER LEVEL control (9) BALANCE control (9) VOLUME control and indicator (9) FLAT button (39) Function selectors and indicators CD DIRECT button and indicator (9) PROGRAM FUNCTION button and indicator (64) SURROUND MODE and SURROUND LEVEL buttons (35) MEMORY button and indicator (38) 11 12 13 14 15 16 17 18 19 20 21 22 23 EQ button and indicator (37)
PERSONAL FILE 1 - 5 button and indicator (38) SELECT 10 button and indicator (36) REVERSE button (39) CURSOR CONTROL buttons (36, 37, 38) DISPLAY button (39) Display window VOCAL REDUCTION button MIC (microphone) LEVEL control (32) MIC (microphone) jack (32) **HEADPHONES** jack

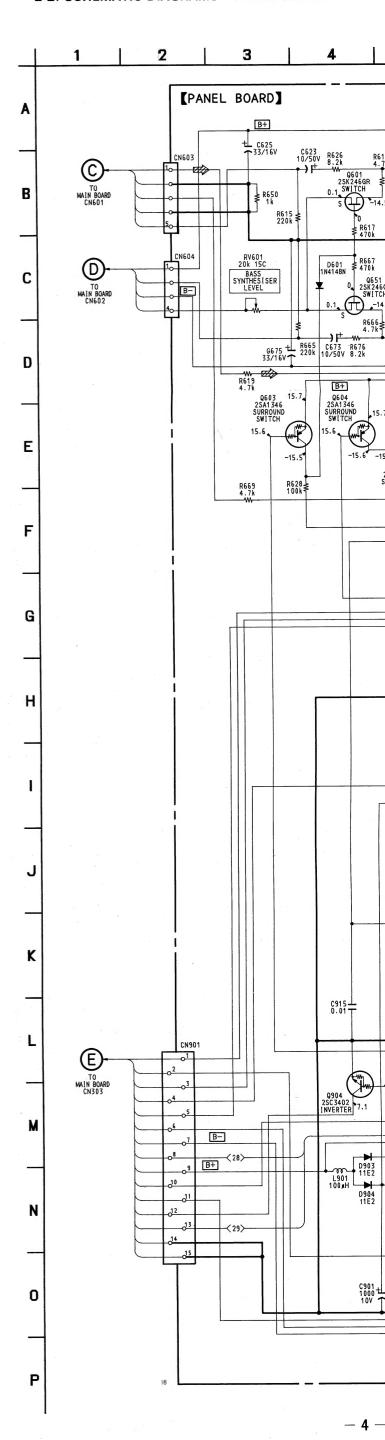
BASS SYNTHE(sizer) button and indicator (9)

71

SECTION 2 DIAGRAMS

2-1. CIRCUIT BOARDS LOCATION





-3 -

Note:

ANEL Section -

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}\!/_{4}W$ or less unless otherwise specified.
- : internal component.
- : nonflammable resistor.
- fusible resistor.
- printed resistor.

- B+ : B+ Line B - : B- Line
- : adjustment for repair.
- : selected to yield optimum performance.
- AC voltage readings in the bias oscillator with a VTVM. Total current is measured with no cassette installed.
- Power voltage is dc V and fed with regulated dc power
- supply from external power voltage jack.
- Voltage and waveforms ar under no-signal (detuned) co
- Voltages are taken with a V Voltage variations may be tion tolerances.
- Circled numbers refer to wa Signal path.

5 8 9 10 11 12 13 14 15 16 DARD [VOLUME BOARD] [POWER AMP IC603 MATRIX Q602 2SC3622A-LK MUTING B+ CN606 R622 10k C625 733/16V 1 CN702 C701 R707 CN605 R618 8.2k R621 1 k -15.5 ₹ R650 100k 15A RV602 100k 5B BALANCE IC603(1/2) M5218AL C627 47/50V \bigcirc IC603 INVERTER IC603(1/2) M5218AL ¥ R667 ¥ 470k IASS HESISER EVEL Q651 2SK246GR SWITCH C674 10/50V -14.5 B+ \bigcirc C702十 470p十 R944 390 -15.6 R670 R668 8.2k Q652 2SC3622A-LK MUTING G675 + R665 C673 R676 33/16V 220k 10/50V 8.2k D913 11E2 IC904 C681 22p В-VOLUME MOTOR DRIVE -D914 11E2 R627 22k 0.000 Q603 2SA1346 SURROUND SWITCH C752-R675 5.6k 1234 -15.5 R625≹ 5.6k R628 100k C751 2.2/50V R751 -15.6 R6 24 33 k C917 470/10V IC604 B+ 0907 2803402 LED DRIVE R919≱ 100k≱ IC901 IC901 #PD75208CW-B31 R920 ₹100k ₹R921 100k -21.2 1 S3 -30.8 2 S2 -21.1 2 S2 -31.0 4 S0 5.5 5 AC OUT VDD (64) 5.6 S4 63 -27.5 S5 62 -21.0 R922 100k Lw L w S6 (61) -28.6 S7 60 -20.9 S8 59 -32.4 6 P01/5CK 17 P02/50 9 P03/5I 5.5 10 Vol. 1.3 11 RELAY 4.1-5.5 12 SIGNAL ____ Lw-R915 D911 10k 1N4148M R918 ≱ S9 (58) -20.8 **≺10**≻ (57) -3.2 V PRE VLOAD 56 -32.5 T15/S10 (55) T14/S11 (54) IC905 VIDEO 1 53 5.5 <21> ₩ R923 1k D912 1N4148M 0 4 (13) VIDEO 2 (52) -7.1 <15 >-22> W R924 1k CD DIRECT **≺16**≻ 23> W R925 1k 24> W R926 1k 25> + KEY INPUT D915 UZ-4.3BSA KARAOKE 50 5.5 R916 ≱ 0 (16) 0 17) EFFECT KEY T9 49 T8 48 T7 47 T6 46 T5 45 -28.6 T4 44 -28.7 MR927 1k MR928 1k 0 18) BASS KEY IC903 **-**<26> R941 100k 0.2-0.8 ~27>R933 0 19 KARAOKE KEY R942 100k R910 ₹ BASS SYNTHE CON M R943 100k Q903 2SC2603-EF MUTING 0.2-0.8 0 **4**21) DATA 0 22 LATCH 0 23 CLOCK 1 T3 43 -28.7 T2 42 -28.9 T1 41 -28.9 0 (24) CLOCK 2 100 k **≺12**≻ C915 → 0.01 T TO 40 -28.8 RESET 39 5.5 C920 0.1 0.00 UP **≺**13≻ 0 26 VOL DOWN 5.5 27 MUTE C918 1 P. FUNC LED 38 BASS SYNTHE LED (37) 0 (19) EFFECT LED (36) 5.5 (20) 0923 2SC 3402 SWI TCH 15.7 VOL LED 35 5.5 XT2 34 XT1 33 2.6 •30 X1 2.9 •31 X2 32 Vss D928 1N4148M + C938 220 10V _______ L902 22≢H Q905 2SC3402 INVERTER T 0.1 CF901 4.19MHz B+ D903 11E2 B+ B+ C905 T D907 R907 ₹ D909 100k ₹ 1N4148M D984 11E2 B+ B+ BASS SYNTHE R901 IC902 D923 SEL3210S R949 CD DIRECT 470 R904 22k ≸ D925 SEL2410E VIDEO 1 ₹8950 270 D926 1N4148M D905 1N4148M 0919 SEL3210S SEL3210S KARAOKE PON EFFECT < 5 CD DIRECT D92 SEL 2 VISUAL SEL3210S IC902 M51943BSL VIDE0 Q901 2SC2603-EF BUFFER R906 1k 0 2160 R945 Q924 2SA1346 SWITCH -7.1 C907 0.033 R902 22k Q902 2SC2603-EF SWITCH 17 D924 1N4148M R951 330 0.1 R947 ⊥_{C934} ⊤ 0.1 \bigcirc -7.1 R903 C902 C903 100 C903 C906 → R905 0.01 → 100k D908 1N4148M -7.1 Q910 2SC3402 LED DRIVE B-Q911 2SC3402 LED DRIVE Q908 2SC3402 LED DRIVE Q912 2SC3402 LED DR!VE Q913 2SC3402 LED DR]VE 2S LED

• IC Block Diagrams Voltage and waveforms are dc with respect to ground

- under no-signal (detuned) conditions. Voltages are taken with a VOM (Input Impedance $10M \Omega$). Voltage variations may be noted due to normal produc-
- Circled numbers refer to waveforms.
- Signal path. : CD

: B+ Line

: B- Line

: adjustment for repair.

: selected to yield optimum performance.

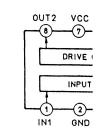
y from external power voltage jack.

current is measured with no cassette installed.

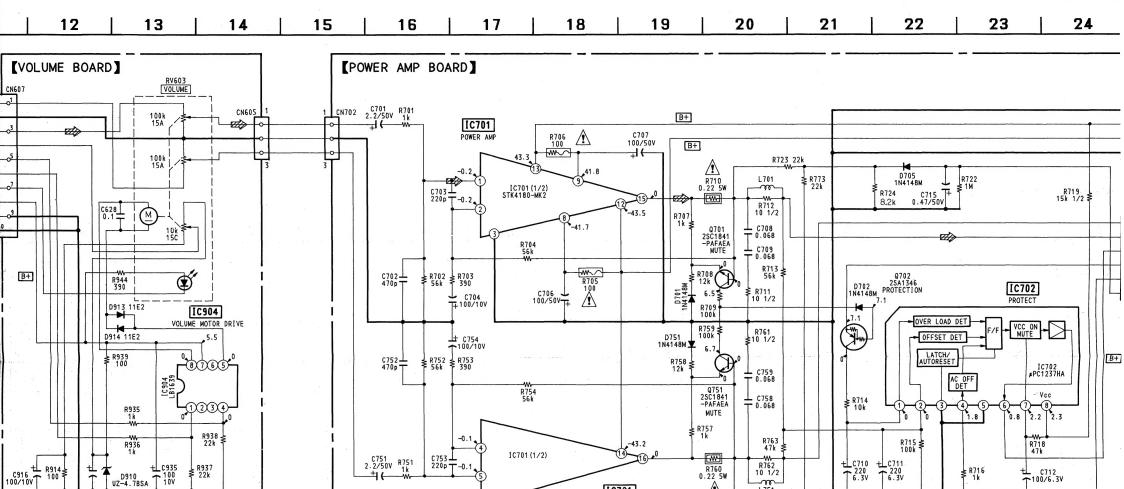
oltage readings in the bias oscillator with a VTVM.

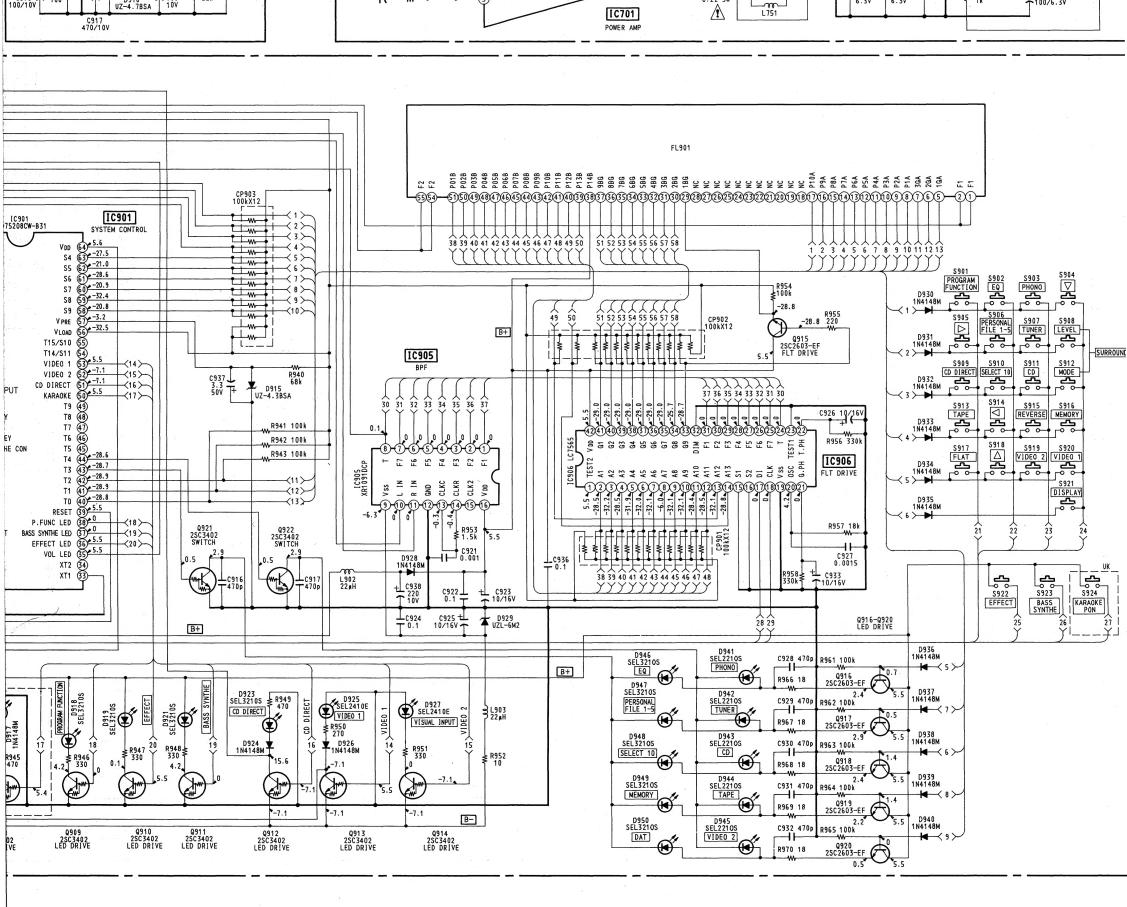
er voltage is dc V and fed with regulated dc power

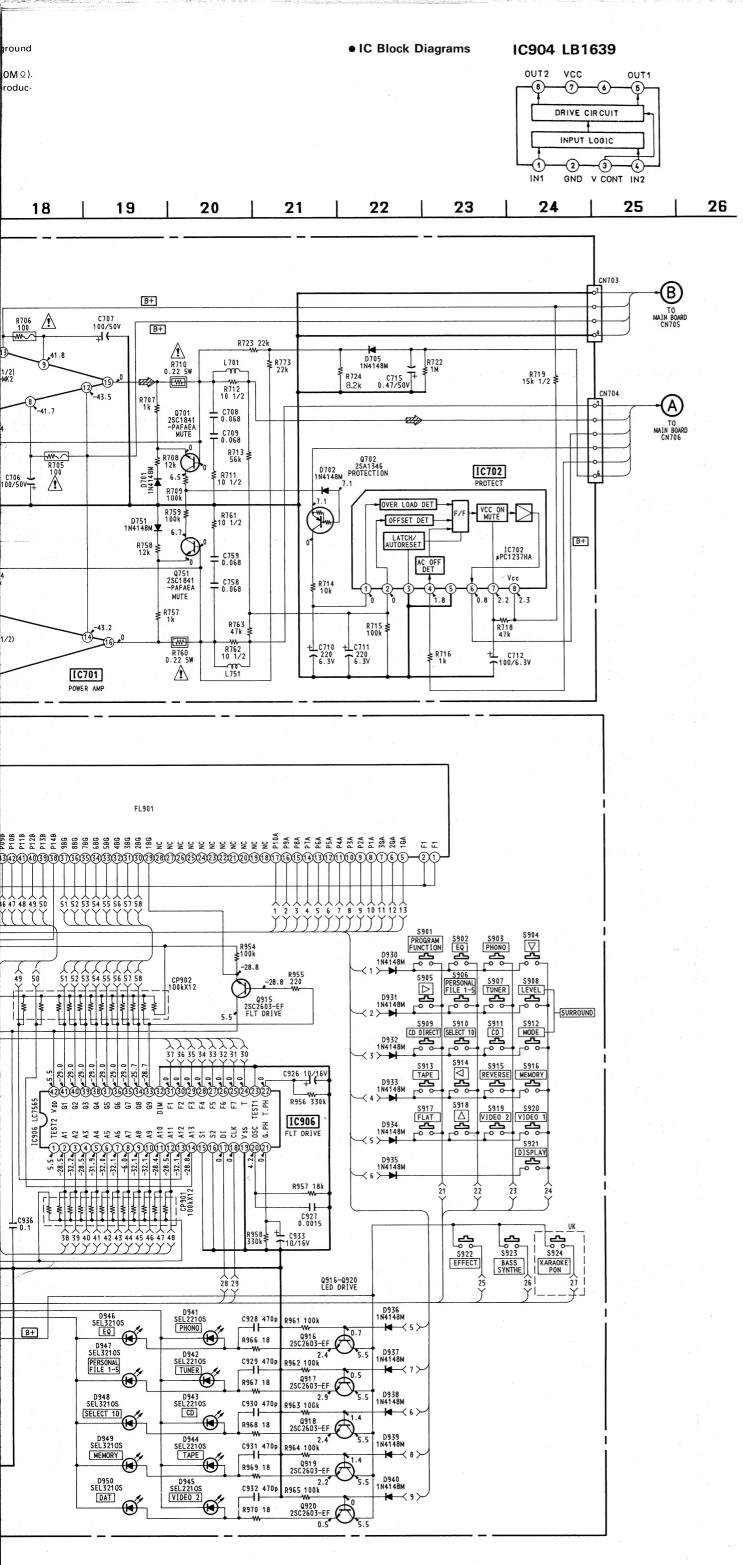
tion tolerances.



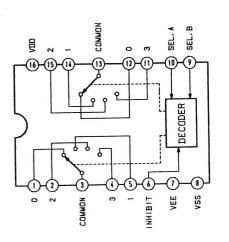
IC904 LB1



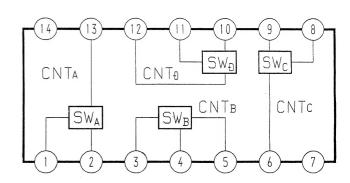




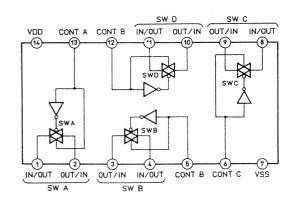
IC102 MC14052BCP



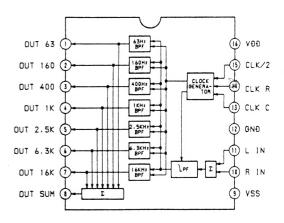
IC103 μ MC14066BCP



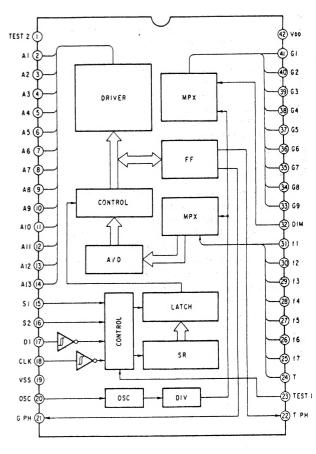
IC604 LC4966



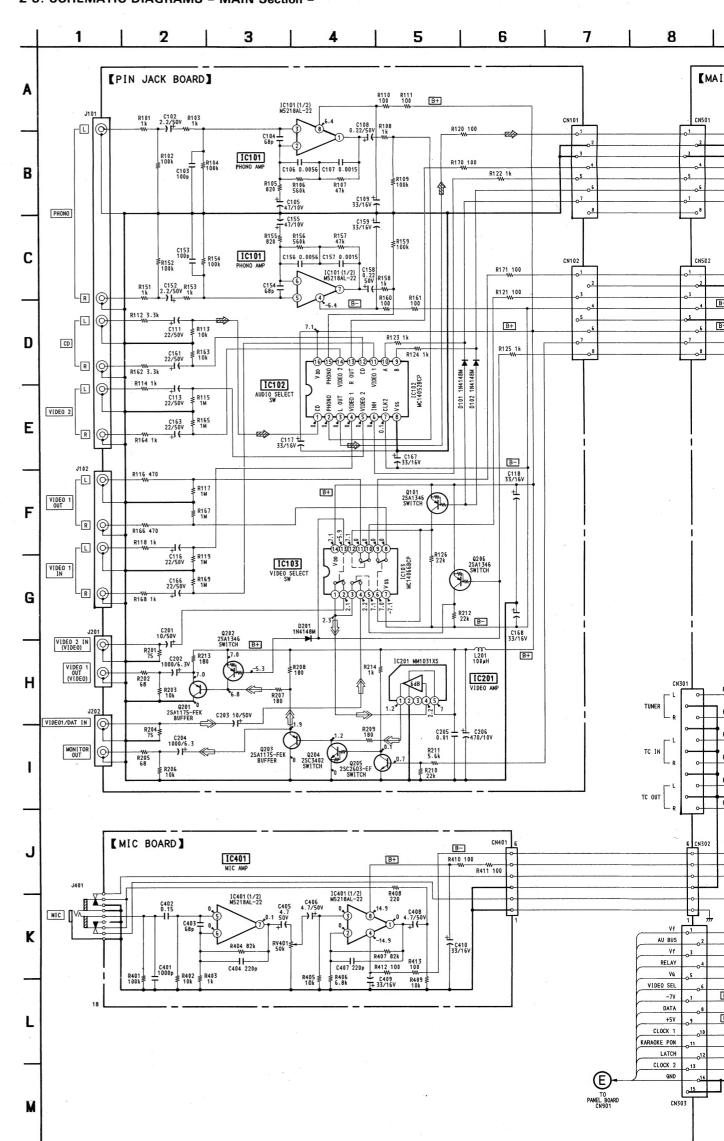
IC905 XR1091DCP



IC906 LC7565K

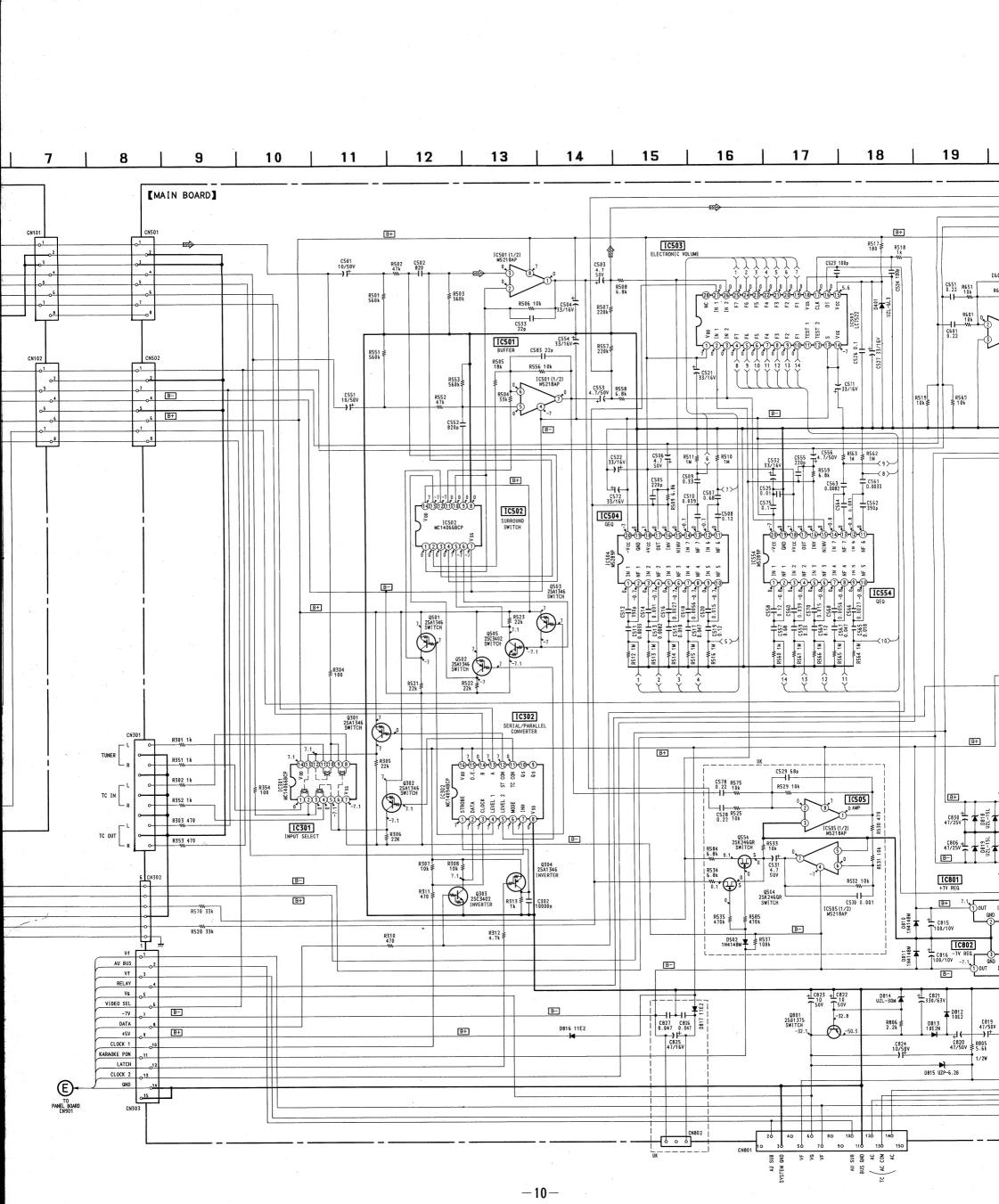


2-3. SCHEMATIC DIAGRAMS - MAIN Section -



Note:

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}/_{4}W$ or less unless otherwise specified.
- \triangle : internal component
- : nonflammable resistor.
- : fusible resistor.
- : printed resistor.
- B+ : B+ Line
- : B- Line
- : adjustment for repair.
- : selected to yield optimum performance. AC voltage readings in the bias oscillator with a VTVM.
- Total current is measured with no cassette installed.
- Power voltage is dc V and fed with regulated dc power
- supply from external power voltage jack. Voltage and waveforms are dc with respect to ground
- under no-signal (detuned) conditions. \bullet Voltages are taken with a VOM (Input Impedance $10M\,\Omega$). Voltage variations may be noted due to normal produc-
- tion tolerances. Circled numbers refer to waveforms.
- Signal path.
- : CD



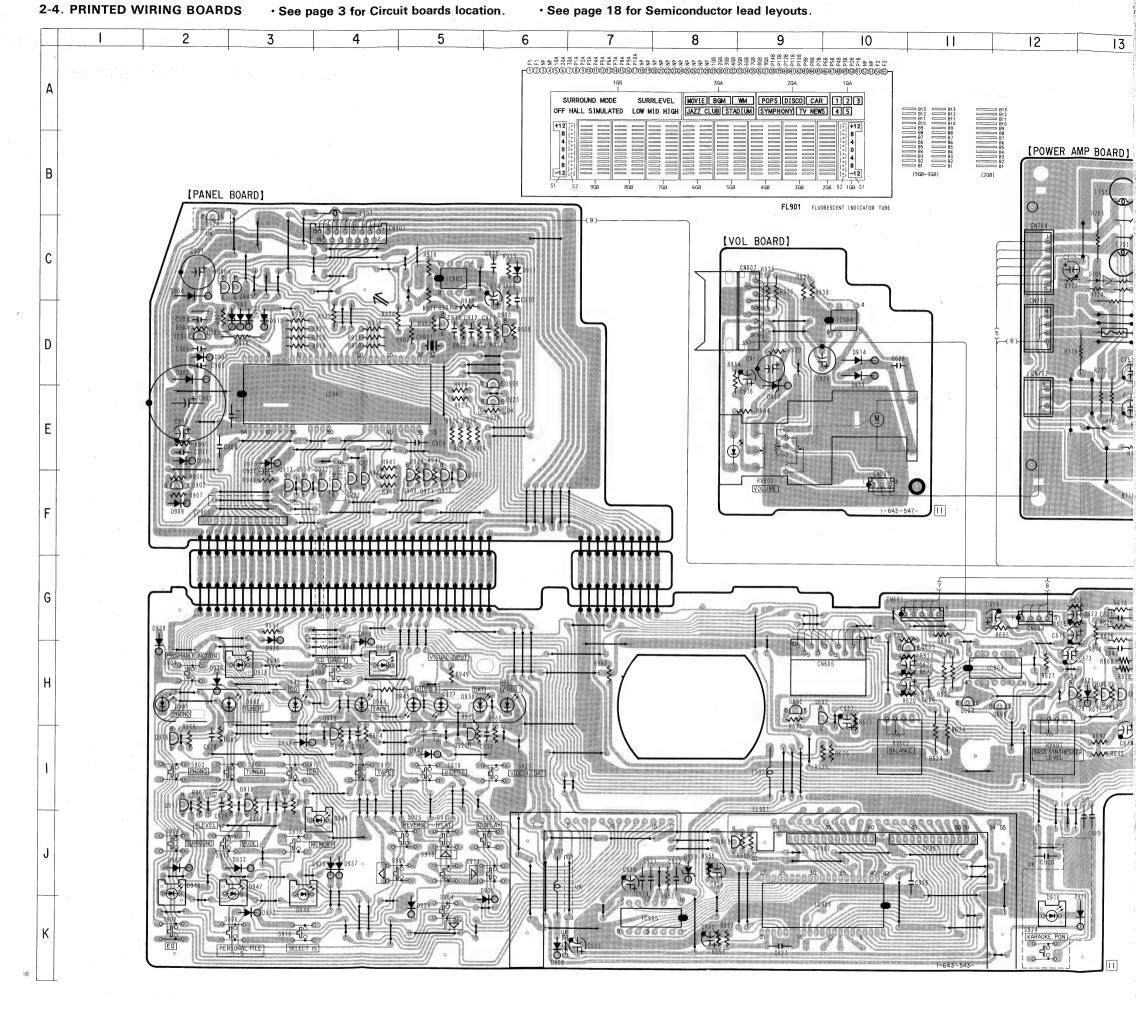
• IC Block Diagr IC302 MC140 24 25 26 15 16 17 18 19 20 21 23 SERIAL IN CLOCK IC503 R517 180 ₹ R518 [C601] LOW PASS FILTER C622 7+1/50V C630 10p W W III R609 R610 100k 620k C602 0.012 R60+ 10k R602 56k C605 0.082 C601 0.22 GND (8 C526 0.1 IC601 (1/2) M5218AP C618 1 47 16V T IC601 (1/2) M5218AP C612 0.0033 R612 R613 WWW 220k 220k C613 0.047 C614 4.7/50V ± c571 +T 33/16V 100/16V G607 25K246GR C607 七 1/50V 十 ± C604 ⊤ 0.56 R569 ≩ 10k 4 IC503 LC752 C611 0.068 B-R563 ¥ R562 1M ≱ 1M R511 1M C532 33/16V B+ [H.P. BOARD] **⊕** 🗓 SPEAKER B+ IC554 ₹ R720 ₽ 820 IC504 M5289 L SURROUND SPEAKER R566 1M TO PANEL BOARD CN703 $^{f B}$ B+ B+ C529 68p R529 10k T1 1 POWER TRANSFORMER $\hat{\Lambda}$ F3 T2. SAL POWER R801 1 k 3W IC505 AC IN C802 ± ± C807 ± 0.047 C1 0.01 Q554 2SK246GR SWITCH F R533 ₹ 10k C803 + 6.8k W | R534 | 6.8k | 0.1 S | P | P | C531 | 4.7 | 50V R532 10k W C530 0.001 IC505 (1/2) M5218AP 1C801 +7V REG D804 R803 1N4148M 8.2k WW D805 10E2N D806 10E2N ICP801 Q504 25K246GR SWITCH C810 ± 3.3/50V 11.5 1 OUT IN 3 IC801 MSF7807L R535 ₹ ₹ R585 470k C811 3300/16V ± C804 T0.047 В--D502 1N4148M ▼ ₹R537 100k D807 10E2N D808 10E2N C805 ICP802 C812 3300/16V В-C827 C826 E E C C825 C + C823 + C822 10 10 50V 50V +L C821 T 330/63V D814 UZL-30M D812 10E2N R806 ≱ C81 47/5 C820 47/50V ₹ 5.6k <u>,-50.3</u> C818 T2.0A 1250V CN802 80 100 120 140 90 110 130 150 AU SUB SYSTEM GND AU SUB BUS GND TC AC COM

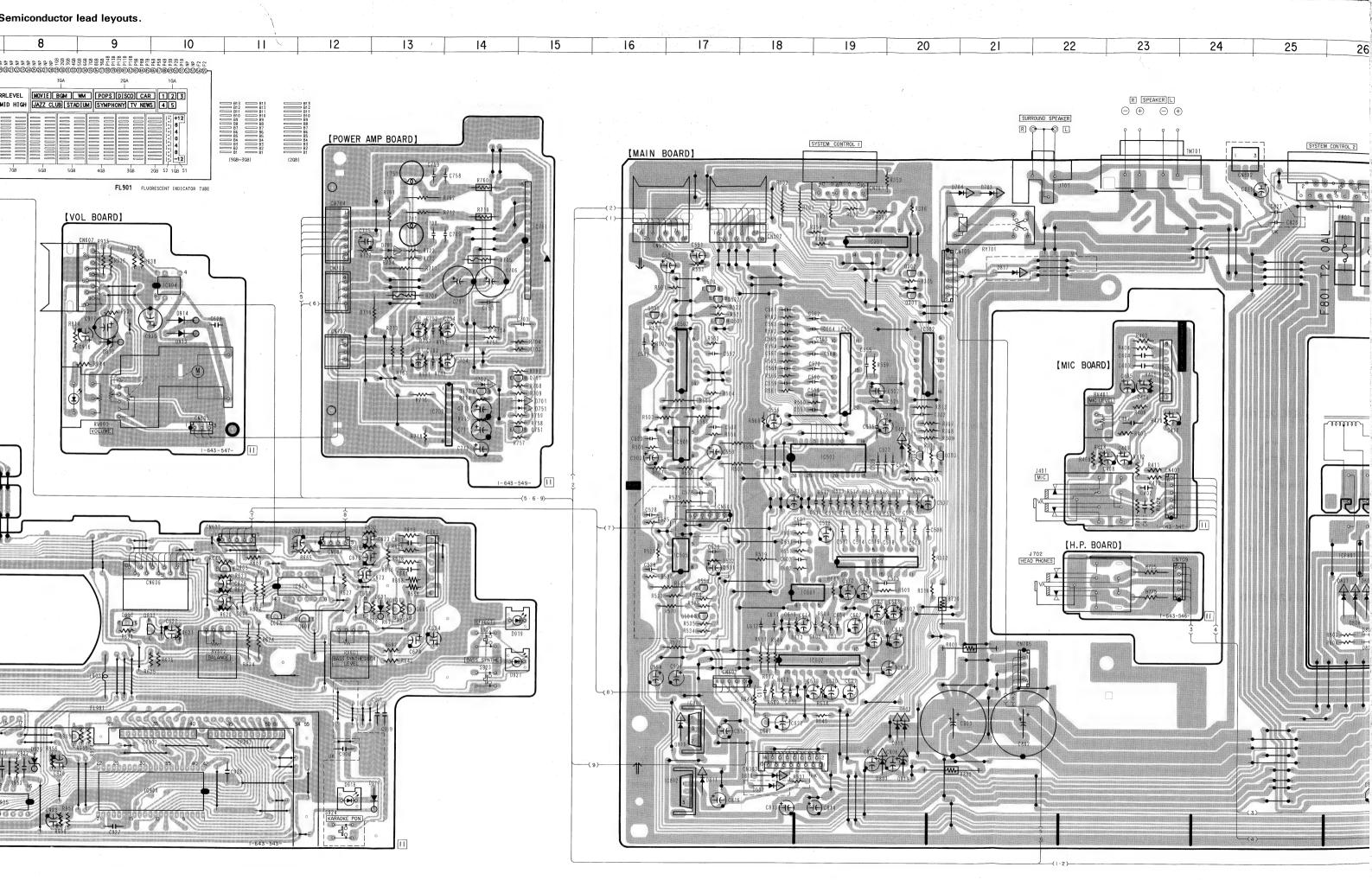
-11-

● IC Block Diagrams IC302 MC14094BCP IC602 M51134P 23 24 25 26 8-STAGE SHIFT RESISTER SERIAL IN (LOWPASS FILTER **©** 8-BIT STORAGE RESISTER 705/1 4 33 C620 T 1/50V STROBE C620 1/50V IC602 BASS 5YNTHESIZER 6 03 € 7 04 3-STAGE OUTPUTS <u>14</u>) Q5 -13 a6 -12 a7 -11 a8 -16 VDD DET VCA FILTER OUTPUT (15 GND (8) T 100/16V R644 ₹ 220k C617 → 33/16V↑ IC503 LC7522K SHIFT CONTROL [H.P. BOARD] LATCH CN707 RESISTOR NETWORK ANALOG SW E U U U U U OO OO OO OO OO OO **⊕** L SPEAKER + R IC504 M5289P SURROUND SPEAKER -**(A)** TO PANEL BOARD CN703 PANEL BOARD T1 POWER TRANSFORMER Consessation of the Conses

11-

	D101 D102 D201	F-32				
		F 00	D928	K-6	Q206	E-33
	D201	F-32	D929	J-8	Q301	D-20
		D-32	D930	G-2	Q302	C-20
	D401	F-20	D931	J-2	Q303	F-20
	D502	J-18	D932	K-3	Q304	F-20
	D601	H-13	D933	J-3	Q501	D-17
	D701	E-15	D934	J-5	Q502	D-17
	D702	E-14	D935	K-5	Q503	D-18
	D703	B-21	D936	H-2	Q504	H-17
	D704	B-21	D937	J-4	Q505	D-16
	D705	C-13	D938	J-4	Q554	H-17
	D751	E-15	D939	I -3	Q601	H-13
	D801	H-28	D940	I -5	Q602	H-10
	D802	J-20	D941	H-2	Q603	H-11
	D803	J-19	D942	H-3	Q604	H-11
	D804	H-26	D943	H-3	Q605	G-11
	D805	H-26	D944	H-4	Q606	H-11
	D806	H-27	D945	H-5	Q607	J-18
	D807	H-26	D946 D947	J-2	Q651	H-13
	D808 D809	H-26 H- 26	D947	J-3 J-3	Q652 Q701	H-9 E-15
	D810	J-17	D948	J-3 J-4	Q701	E-14
	D811	J-17	D950	H-5	Q751	F-15
	D811	H-29	D930	F1-3	Q801	J-28
	D813	H-29	IC101	J-33	Q901	D-5
	D814	J-28	IC101	J-31	Q902	F -2
1	D815	J-27	IC103	E-32	Q903	D-6
	D816	J-18	IC201	D-33	Q904	C-2
	D817	C-21	IC301	C-19	Q905	C-3
	D818	J-20	IC302	E-20	Q906	D-6
	D819	J-20	IC401	E-23	Q907	E -5
	D901	D-3	IC501	F-17	Q908	F-4
	D902	D-3	IC502	E-17	Q909	E-5
	D903	D-2	IC503	F-19	Q910	E-5
	D904	C-2	IC504	G-19	Q911	E-5
	D905	D-3	IC505	G-17	Q912	F-4
	to a con-		IC554	E-19	Q913	F-3
	D907	D-2	IC601	H-18	Q914	F-3
	D908	E-2	IC602	I -19	Q915	J-8
	D909	D-2	IC603	H-13	Q916	I -2
	D910	D-9	IC604	H-12	Q917	1 -2
	D911	C-6	IC701	C-15	Q918	I -3
	D912	D-3	IC702	E-14	Q919	14
	D913	D-10	IC801	J-17	Q920	J-5
	D914	D-10	IC802	J-17	Q921	F-4
ľ	D915	E-5	IC901	D-4	Q922	F-4
	D916	K-12	IC902	D-2	Q923	E-6
	D917	K-13	IC903	C-5	Q924	B -2
	D918	H-3	IC904	C-9		
	D919	H-15	IC905	K-8		
	D921	I -15	IC906	J-10		
	D923	H-4	0.15			
	D924	G-4	Q101	E-32		
	D925	H-6	Q201	D-33		
	D926	G-3	Q202	D-33		
	D927	H-5	Q203	D-33		
			Q204	D-33	1	
			Q205	D-33		





22 21 23 24 25 32 33 30 R SPEAKER L

- + - + parts extracted from the component side. SURROUND SPEAKER [PIN JACK BOARD] □ □ 1 [MIC BOARD] لمعمقعمها recerece -16--17-

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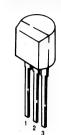
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2-5. SEMICONDUCTOR LEAD LAYOUTS

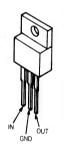
M51943BSL



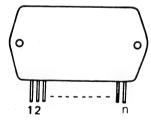
M5218AL M5218AL-22



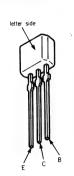
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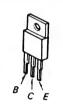
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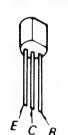
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2SB1094-LK



2SC1841-PAFAEA



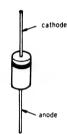
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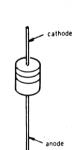
DTC114ES



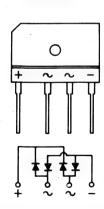
10E2 10E2N



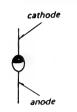
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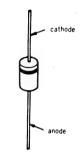
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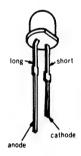
UZ-4.3BSA



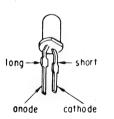
UZP-6.2B-TP



SEL-2210S



SEL2410E-D



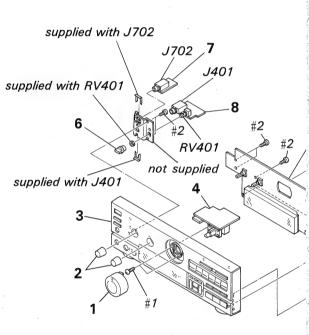
NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts Example:

KNOB, BALANCE(WHITE)...(RED)

Parts color Cabinet's color

3-1. CABINET SECTION



Ref. No.	Part No.	Description
1	X-4942-418-1	KNOB ASSY, ROUND
2	4-950-651-11	KNOB (DIA. 16), ROUND
3	X-4942-414-1	PANEL ASSY, FRONT (AEP)
3	X-4942-421-1	PANEL ASSY, FRONT (UK)
* 4	1-643-547-11	VOL BOARD
* 5	A-4347-262-A	PANEL BOARD, COMPLETE (UK)
* 5	A-4347-263-A	PANEL BOARD, COMPLETE (AEP)
6	4-950-652-11	KNOB (DIA. 12), ROUND
* 7	1-643-546-11	H. P. BOARD
* 8	1-643-545-11	MIC BOARD

SECTION 3 EXPLODED VIEWS

NOTE:

- -xX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts Example:

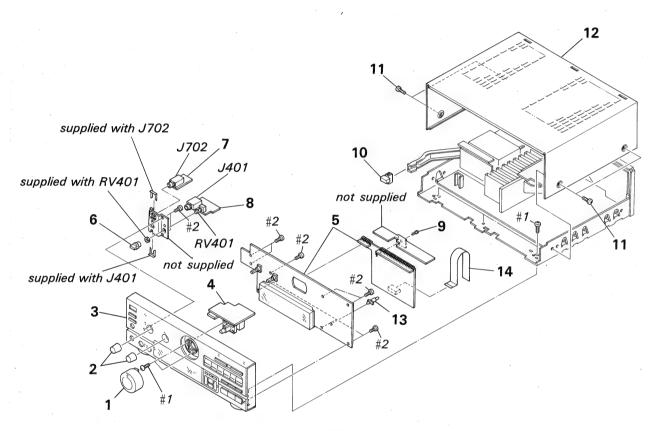
KNOB, BALANCE(WHITE)...(RED)

Parts color Cabinet's color

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- hardware (#mark) list is given in the last of this parts list.

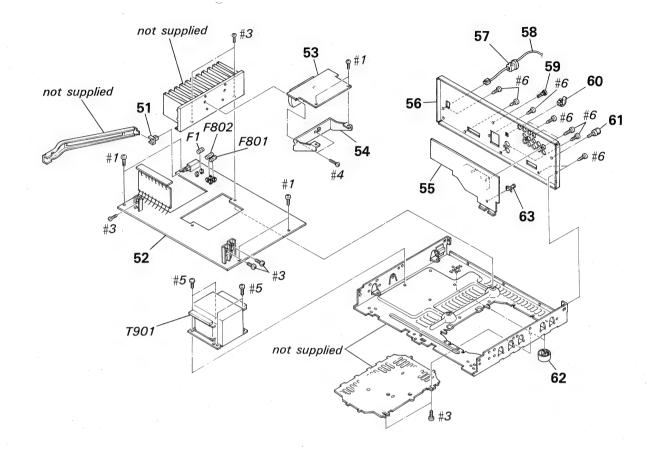
The components identified by mark or dotted line with mark are critical for safety.
Replace only with part number specified.

3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1 2 3 3	4-950-651-11 X-4942-414-1	KNOB ASSY, ROUND KNOB (DIA. 16), ROUND PANEL ASSY, FRONT (AEP) PANEL ASSY, FRONT (UK)		9 10 11 * 12	4-942-061-11	SCREW (CASE +3X8 TP2)	
* 4	1-643-547-11					HOLDER, PC BOARD	
* 5 * 5 6 * 7 * 8	A-4347-263-A			14 J401 J702 RV401	1-507-854-00 1-507-854-00	WIRE, FLAT TYPE (15 CORE) JACK, PHONE (MIC) JACK, PHONE (HEADPHONE) RES, VAR, CARBON 50K (MIC LE	EVEL)

3-2. MAIN BOARD SECTION

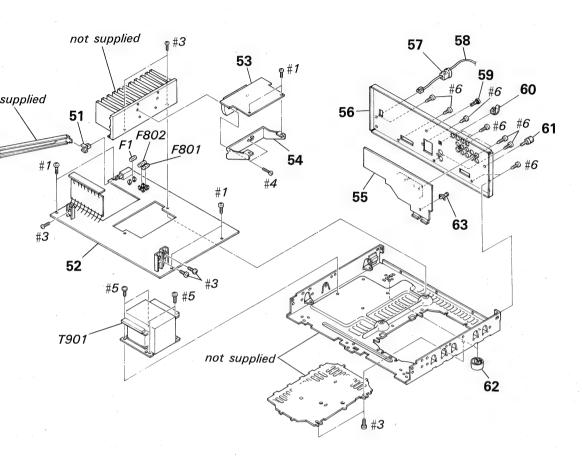


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-866-342-00	JOINT (B), KNOB		<u>^</u> 58	1-575-669-21	CORD, POWER (UK)	
* 52	A-4347-253-A	MAIN BOARD, COMPLETE (AEP)		* 59	4-912-181-21	SUPPORT, PC	
* 52	A-4347-254-A	MAIN BOARD, COMPLETE (UK)		* 60	4-949-235-01	HOOK	
* 53	A-4347-259-A	POWER AMP BOARD, COMPLETE		61	4-947-010-01	SCREW, FEEDER FIXED	
* 54	4-943-903-01	BRACKET		62	4-931-169-01	F00T	
* 55	A-4347-264-A	PIN JACK BOARD, COMPLETE		* 63	3-349-025-31	HOLDER, PC BOARD	
* 56	4-950-653-01	PANEL (B3120), BACK (AEP)		 ♠ F 1	1-532-286-00	FUSE (T1.6A)	
* 56	4-950-653-21	PANEL (B3120), BACK (UK)		⚠ F801	1-532-203-00	FUSE (T2. 0A)	
* 57	3-703-244-00	BUSHING (2104), CORD		№ F802	1-532-203-00	FUSE (T2. 0A)	
№ 58	1-575-654-11	CORD, POWER (AEP)		↑ T901	1-450-872-11	TRANSFORMER, POWER	

The components identified by mark or dotted line with mark are critical for safety.

Replace only with part number specified

BOARD SECTION



Description	Remark	Ref. No.	Part No.	Description		Remark
JOINT (B), KNOB		<u>^</u> 58	1-575-669-21	CORD, POWER (UK)		
MAIN BOARD, COMPLETE (AEP)		* 59	4-912-181-21	SUPPORT, PC		
MAIN BOARD, COMPLETE (UK)		* 60	4-949-235-01	HOOK		
POWER AMP BOARD, COMPLETE		61	4-947-010-01	SCREW, FEEDER FIXED		
BRACKET		62	4-931-169-01	FOOT		
PIN JACK BOARD, COMPLETE		* 63	3-349-025-31	HOLDER, PC BOARD		
PANEL (B3120), BACK (AEP)		⚠ F1	1-532-286-00	FUSE (T1.6A)		
PANEL (B3120), BACK (UK)		⚠ F801	1-532-203-00	FUSE (T2. 0A)		
BUSHING (2104), CORD		 1 1 1 1 1 1 1 1 1 	1-532-203-00	FUSE (T2. 0A)		
CORD, POWER (AEP)		<u></u> ₹ T901	1-450-872-11	TRANSFORMER, POWER		
	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120), BACK (AEP) PANEL (B3120), BACK (UK) BUSHING (2104), CORD	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120), BACK (AEP) PANEL (B3120), BACK (UK) BUSHING (2104), CORD	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120), BACK (AEP) PANEL (B3120), BACK (UK) BUSHING (2104), CORD \$\hat{} F801 \hat{} F802	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120). BACK (AEP) PANEL (B3120). BACK (UK) BUSHING (2104). CORD PIN JACK BOARD, COMPLETE # 63 3-349-025-31 ↑ F1 1-532-286-00 ↑ F801 1-532-203-00	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120). BACK (AEP) PANEL (B3120). BACK (UK) BUSHING (2104). CORD PISSON SERVED STATE STAT	JOINT (B), KNOB MAIN BOARD, COMPLETE (AEP) MAIN BOARD, COMPLETE (UK) POWER AMP BOARD, COMPLETE BRACKET PIN JACK BOARD, COMPLETE PANEL (B3120), BACK (AEP) PANEL (B3120), BACK (UK) BUSHING (2104), CORD A 58 1-575-669-21 CORD, POWER (UK) * 59 4-912-181-21 SUPPORT, PC * 60 4-947-010-01 SCREW, FEEDER FIXED 62 4-931-169-01 FOOT * 63 3-349-025-31 HOLDER, PC BOARD A F1 1-532-286-00 FUSE (T1.6A) A F801 1-532-203-00 FUSE (T2.0A) A F802 1-532-203-00 FUSE (T2.0A)

The components identified by mark \(\frac{1}{2} \) or dotted line with mark \(\frac{1}{2} \) are critical for safety. Replace only with part number specified.

SECTION 4 ELECTRICAL PARTS LIST

H. P.

MAIN

POWER AMP

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- RESISTORS
 All resistors are in ohms
 METAL:Metal-film resistor
 METAL OXIDE:Metal Oxide-film resistor
 F:nonflammable
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
 In each case, u:μ, for example:
 uA...: μA..., uPA...: μPA...,
 uPB...: μPB..., uPC...: μPC...,
 uPD...: μPD...
- CAPACITORS uF: µF
- COILS uH: μH

When indication parts by reference number, please include the board name.

The components identified by mark \(\frac{\hat{\Lambda}}{\text{or dotted line with mark}} \)
Replace only with part number specified.

	1-643-546-11	*******		•							
		*******				C512	1-164-080-11	CERAMIC	390PF	10%	50V
* CN709	1 564 500 11					C513	1-130-482-00	MYLAR	0. 0082uF	5%	50V
* CN709	1 564-509-11	< CONNECTOR	· · · · · · · · · · · · · · · · · · ·			C514	1-106-343-00	MYLAR	1000PF	5%	200V
* CN709	1 564 500 11					C515	1-136-156-00	FILM	0.018uF	5%	50 V
	1-304-300-11	PLUG, CONNE	CTOR 5P			C516	1-106-353-00	MYLAR	0.0027uF	5%	50V
						C517	1-136-161-00	FILM	0.047uF	5%	50 V
		< JACK >				C518	1-130-480-00	MYLAR	0.0056uF	5%	50V
J702	1-507-854-00	JACK, PHONE	(HEADPHONE)		*	C519	1-136-166-00	FILM	0. 12uF	5%	50V
						C520	1-136-155-00	FILM	0.015uF	5%	50V
		< RESISTOR	>			C521	1-124-034-51	ELECT	33uF	20%	16V
						C522	1-124-034-51	ELECT	33uF	20%	16V
R725	1-244-867-91	CARBON	560 5	% 1/2	W	C523	1-162-282-31	CERAMIC	100PF	10%	50 V
	1-244-867-91		560 5	% 1/2	W						
	******		*******	******	*****	C524	1-162-282-31	CERAMIC	100PF	10%	50V
						C525	1-130-483-00	MYLAR	0.01uF	5%	50V
*	A-4347-253-A	MAIN BOARD,	COMPLETE (A	EP)		C526	1-164-159-11	CERAMIC	0. 1uF		50V
	A-4347-254-A					C527	1-124-034-51	ELECT	33 u F	20%	16 V
		*******	*****			C528	1-136-169-00	FILM	0. 22uF	5%	50V (UK)
*	A-4347-259-A	POWER AMP B	OARD, COMPLE	TE						504	FAV. (11/1)
		*******	******	**		C529	1-164-066-11		68PF	5%	50V (UK)
						C530	1-106-343-00		0. 001uF	5%	50V (UK)
*	1-533-213-31		E			C531	1-126-163-11		4. 7uF	20%	50V (HK)
*	3-309-144-21	HEAT SINK				C532	1-124-034-51		33uF	20%	16V
*	4-941-237-01					C533	1-164-054-11	CERAMIC	22PF	5%	50V
*	4-942-204-01	PLATE, GROU	IND				4 400 050 44	FLEAT	105	0.00/	EOV
						C551	1-126-059-11		10uF	20%	50V
	7-682-548-04	SCREW +BVTT	3X8 (S)			C552	1-130-470-00		820PF	5%	50V
						C553	1-126-163-11		4. 7uF	20%	50V
		< CAPACITOR	? >			C554	1-124-034-51		33uF	20%	16V
						C555	1-162-286-31	CERAMIC	220PF	10%	50V
<u> </u>	1-161-744-00		0.01uF		400V			FLEAT	4.7.5	0.00/	FOV
C302	1-162-306-11		0.01uF	20%	16V	C556	1-126-163-11		4. 7uF	20%	50V
C501	1-126-059-11		10uF	20%	50V	C557	1-136-175-00		0.68uF	5%	50V
C502	1-130-470-00		820PF	5%	50V	C558	1-136-166-00		0. 12uF	5%	50V
C503	1-126-163-11	ELECT	4. 7uF	20%	50V	C559	1-136-171-00		0.33uF	5%	50V
						C560	1-136-160-00	FILM	0.039uF	5%	50V
C504	1-124-034-51		33uF	20%	16V	0504	4 400 477 04	ANU AD	0 0022	E0/	50V
C505	1-162-286-31		220PF	10%	50V		1-130-477-00		0.0033uF	5%	
C506	1-126-163-11	ELECT	4. 7uF	20%	50V	C562	1-164-080-1		390PF	10%	50V
C507	1-136-175-00	FILM	0.68uF	5%	50V	C563	1-130-482-01		0. 0082uF	5%	50V
C508	1-136-166-00	FILM	0. 12ůF	5%	50V	C564 C565	1-106-343-0		1000PF 0.018uF	5% 5%	200V 50V
C509	1-136-171-00	FILM	0. 33uF	5%	50V	0000	1 100-100-0	, I LIN	0. 010d1	V/0	,
C519	1-136-171-00		0. 039uF	5%	50V	C566	1-106-353-0	MYLAR	0.0027uF	5%	50V
C510	1-130-100-00		0. 0034; 0. 0033uF	5%	50V	C567	1-136-161-0		0.047uF	5%	50V

MAIN POWER AMP

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remar	
C568	1-130-480-00		0.0056uF	5%	50V	C802	1-126-138-11	ELECT	4700uF	20%	50V	_
C569	1-136-166-00	FILM	0. 12uF	5%	50V	C803	1-126-138-11	ELECT	4700uF	20%	50V	
C570	1-136-155-00	FILM	0. 015uF	5%	50V	C804	1-161-021-11	CERAMIC	0.047uF	10%	25V	
						C805	1-161-021-11	CERAMIC	0.047uF	10%	25V	
C571	1-124-034-51	ELECT	33uF	20%	16V	C806	1-124-910-11	ELECT	47uF	20%	50V	
C572	1-124-034-51		33uF	20%	16V							
C575	1-164-159-11		0. 1uF		50V	C810	1-126-162-11	ELECT	3. 3uF	20%	50V	
C578	1-136-169-00		0. 22uF	5%	50V (UK)	C811	1-124-887-00		3300uF	20%	16V	
C583	1-164-054-11		22PF	5%	50V	C812	1-124-887-00		3300uF	20%	16V	
0000	1 104 004 11	O E III III I O	22.1	0,0	•••	C813	1-126-059-11		10uF	20%	50V	
C601	1-136-169-00	FILM	0. 22uF	5%	50V	C814	1-126-059-11		10 uF	20%	50V	
C602	1-136-154-00		0. 012uF	5%	50V		1 120 000 11	22201	7007	20%	001	
C603	1-126-059-11		10uF	20%	50V	C815	1-124-994-11	FLECT	100uF	20%	10V	
C604	1-136-174-00		0. 56uF	5%	50 V	C816	1-124-994-11		100uf	20%	10 V	
					50 V	C817						
C605	1-136-164-00	r I LM	0.082uF	5%	30 V		1-161-021-11		0. 047uF	10%	25V	
		FLEAT	4.5	0.00/	FASI	C818	1-161-021-11		0. 047uF	10%	25V	
C607	1-126-301-11		1uF	20%	50V	C819	1-124-910-11	FLECI	47uF	20%	50V	
C608	1-126-300-11		0. 47uF	20%	50V				47			
C610	1-136-163-00		0.068uF	5%	50V	C820	1-124-910-11		47uF	20%	50V	
C611	1-136-163-00		0.068uF	5%	50V	C821	1-124-920-11		330uF	20%	63V	
C612	1-130-477-00	MYLAR	0. 0033uF	5%	50V	C822	1-126-059-11		10uF	20%	50V	
						C823	1-126-059-11	ELECT	10uF	20%	50V	
C613	1-136-161-00	FILM	0. 047uF	5%	50 V	C824	1-126-059-11	ELECT	10uF	20%	50V	
C614	1-126-163-11	ELECT	4. 7uF	20%	50V							
C615	1-126-023-11	ELECT	100uF	20%	16V	C825	1-126-022-11	ELECT	47uF	20%	16V	(UK)
C617	1-124-034-51	ELECT	33uF	20%	16V	C826	1-161-021-11	CERAMIC	0.047uF	10%	25V	(UK)
C618	1-126-022-11	ELECT	47uF	20%	16V	C827	1-161-021-11	CERAMIC	0.047uF	10%	25V	(UK)
						C830	1-124-910-11	ELECT	47uF	20%	50V	
C619	1-126-301-11	ELECT	1uF	20%	50 V							
C620	1-126-301-11	ELECT	1uF	20%	50V			< CONNECTOR :	>			
C621	1-126-059-11		10uF	20%	50 V							
C622	1-126-301-11		1uF	20%	50V	* CN1	1-564-321-00	PIN, CONNECT	OR 2P			
C630	1-164-019-11		10PF	0. 5PF	50V	CN2		BASE POST 221		TCH) 2P		
	1 101 010 11	0 2 117 1117 0		** ** *	•••	1	1-566-858-41			,		
C651	1-136-169-00	FILM	0. 22uF	5%	50V	1	1-564-509-11					
C701	1-126-161-11		2. 2uF	20%	50V		1-568-834-11					
C702	1-164-081-11		470PF	10%	50V	. 011000	1 000 004 11	OUCKET, COM	LOTON TO			
C702	1-162-286-31		220PF	10%	50 V	CN501	1-568-319-11	SUCKET COMM	ECTOR RD			
				20%	10 V		1-568-319-11	•				
C704	1-124-994-11	ELECT	100uF	2 0 70	10 V		1-564-508-11					
0700	4 404 400 44	FLEOT	1005	0.00/	COM							
C706	1-124-122-11		100uF	20%	50V		1-564-507-11					
C707	1-124-122-11		100uF	20%	50V	* CN/UZ	1-564-518-11	PLUG, CUNNEC	IUK 3P			
C708	1-136-163-00		0.068uF	5%	50V	1 04700	4 FC4 F40 44	DI UO OONNEO	TOD 40			
C709	1-136-163-00		0.068uF	5%	50V		1-564-519-11					
C710	1-124-587-11	FLECI	220uF	20%	6.3V		1-564-521-11					
							1-564-509-11					
C711	1-124-587-11		220uF	20%	6.3V		1-564-507-11					
C712	1-124-443-00	ELECT	100uF:	20%	10V	* CN707	1-564-508-11	PLUG, CONNEC	TOR 5P			
C715	1-126-300-11	ELECT	0. 47uF	20%	50 V							
C751	1-126-161-11	ELECT	2. 2uF	20%	50V	* CN801	1-566-859-11	SOCKET, CONN	ECTOR 15P		tay .	
C752	1-164-081-11	CERAMIC	470PF	10%	50V	* CN802	1-564-358-00	PIN, CONNECT	OR 3P (UK)			
											** 1	
C753	1-162-286-31	CERAMIC	220PF	10%	50V			< DIODE >				
C754	1-124-994-11		100uF	20%	10V							
C758	1-136-163-00		0.068uF	5%	50V	D401	8-719-000-54	DIODE UZL-	6L3			,
C759	1-136-163-00		0.068uF	5%	50V	D502	8-719-987-63		48M (UK)			,
C801	1-102-394-11		0. 01uF		250V	D701	8-719-987-63					
3001	. , , , , , , , , , , , , , , , , , , ,					D702	8-719-987-63					
						5142						

MAIN POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description			
D703	8-719-987-63					< JACK >			
D704	8-719-987-63	·				· · · · · · · · · · · · · · · · · · ·			
D704	8-719-987-63			J701	1-565-352-41	JACK, PIN 2P			
D703	8-719-987-63			.0701	1, 000 002 41	JAOK, 1111 21			
	8-719-302-38					< COLL >			
D801	8-119-302-30	DIODE RBV-002-01			1	< COIL >			*
D802	8-719-001-88	DIODE UZL-15L		* L701	1-420-872-00	COIL, AIR COI	RE		
D803	8-719-001-88			* L751		COIL. AIR COI			
D804	8-719-987-63		4						
D805	8-719-200-77		ļ			< TRANSISTOR	>		
D806	8-719-200-77					C THAMOTOTON			
D 000	.0 110 200 11	70227		0301	8-729-900-63	TRANSISTOR	DTA124ES		
D807	8-719-200-77	DIODE 10E2N	Ì	0302	8-729-900-63		DTA124ES		* *
D808	8-719-200-77			0303	8-729-900-80		DTC114ES		
D809	8-719-987-63			Q304	8-729-900-63		DTA124ES		
D810	8-719-987-63			Q501	8-729-900-63	IKANSISIUK	DTA124ES		
D811	8-719-987-63	DIODE 1N4148M		.0500	0.700.000.00	TRANCIOTAR	DT4104F0	N/4 1	
5040		DIODE AASON	ł	0502	8-729-900-63		DTA124ES		
D8.12	8-719-200-77			0503	8-729-900-63		DTA124ES		
D813	8-719-200-77			0504	8-729-224-62		2SK246-GF	(UK)	
	8-719-934-22			0505	8-729-900-80		DTC114ES		
D815	8-719-014-75		· .	Q554	8-729-224-62	TRANSISTOR	2SK246-GF	(UK)	
D816	8-719-200-02	DIODE 10E2	٠.						
				0607	8-729-224-62		2SK246-GF		
D817	8-719-200-02	DIODE 10E2 (UK)	1	0701	8-729-140-84	TRANSISTOR	2SC1841-F	AFAEA	
D818	8-719-001-88	DIODE UZL-15L		0702	8-729-900-63	TRANSISTOR	DTA124ES		
D819	8-719-001-88	DIODE UZL-15L		0751	8-729-140-84	TRANSISTOR	2SC1841-F	AFAEA	
				0801	8-729-141-83	TRANSISTOR	2SB1094-L	_K	
		< FUSE >							
		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				< RESISTOR >			
<u> </u>		FUSE (T2. 5A) 250V							
<u> </u> ₹801	1-532-203-00	FUSE (T2.0A) 250V		R301	1-249-417-11	CARBON	1 K	5%	1/4W
1 F802 °	1-532-203-00	FUSE (T2. 0A) 250V		R302	1-249-417-11	CARBON	1 K	5%	1/4W
			1	R303	1-249-413-11	CARBON	470	5%	1/4W
		< 1C > " "		R304	1-249-405-11	CARBON	100	5%	1/4W
			200	R305	1-249-433-11	CARBON	22K	5%	1/4W
IC301	8-759-000-49	IC uPD4066BCP	1						
1C302	8-759-202-61	IC TC4094BP	1	R306	1-249-433-11	CARBON	2 2 K	5%	1/4W
1C501	8-759-634-51	IC M5218AP		R307	1-249-429-11	CARBON	10K	5%	1/4W
IC502	8-759-000-49	IC uPD4066BCP		R308	1-249-429-11	CARBON	10K	5%	1/4W
IC503	8-759-822-26	IC LC7522K	ar I	R310	1-249-413-11	CARBON	470	5%	1/4W
			1	R311	1-249-413-11	CARBON	470	5%	1/4W
IC504	8-759-633-78	IC M5289P							
10505	8-759-634-51	IC M5218AP (UK)		R312	1-249-425-11	CARBON	4. 7K		1/4W
10554	8-759-633-78			R313	1-249-417-11	CARBON	1 K	5%	1/4W
10601	8-759-634-51	IC M5218AP		R351	1-249-417-11	CARBON	1 K	5%	1/4W
10602	8-759-043-16			R352	1-249-417-11	CARBON	· 1K	5%	1/4W
				R353	1-249-413-11		470	5%	1/4W
10701	8-749-922-94	IC STK4180-MK2							1.7
		IC uPC1237HA		R354	1-249-405-11	CARBON	100	5%	1/4W
	8-759-604-86				1-247-897-11		560K		1/4W
	8-759-604-90		·		1-249-437-11			5%	1/4W
10002	5 , 55 554 50	TO MISTISOFE		R503	1-247-897-11				1/4W
		< 1C LINC >	1	R504	1-249-435-11			5%	1/4W
		TO EINC 2		NJU4	1 243 400-11	OMIDON			1/ 4 ṇ
A 100001	1_520_0/0=01	LINK, IC (PRF 2500)		R505	1-249-432-11	CARRON	1 Q V	5%	1/4W
		LINK, IC (PRF 2500)	1						
<u>/1</u> / 107802				R506	1-249-429-11				1/4W: 1/4W:
				R507	1-247-887-00	CARDUN	220K	J70	1/4W

The components identified by mark A or dotted line with mark are critical for safety.

Replace only with part number specified.

MAIN

POWER AMP

Ref. No.		Description				emark	1	Part No.	Description			Ren	mark
R508	1-249-427-11	CARBON	6. 8K	5%	1/4W		R606	1-249-429-11	CARBON	10K	5%	1/4W	
R509	1-249-427-11		6.8K	5%	1/4W		R607	1-249-417-11	CARBON	1 K	5%	1/4W	
R510	1-247-903-00		1M	5%	1/4W		R608	1-249-438-11		56K	5%	1/4W	
R511	1-247-903-00		1M	5%	1/4W		R609	1-249-441-11		100K		1/4W	
R512	1-247-903-00		1M	5%	1/4W		R610	1-247-898-11		620K		1/4W	
11512	1 241 300 00	OMIOON	1111	070	17 411		1010	1 241 000 11	OMIDON .	OLUK	070	1/ 4/1	
R513	1-247-903-00	CARBON	1M	5%	1/4W		R611	1-247-887-00	CARBON	220K	5%	1/4W	
R514	1-247-903-00	CARBON	1M	5%	1/4W		R612	1-247-887-00	CARBON	220K	5%	1/4W	
R515	1-247-903-00	CARBON	1M	5%	1/4W		R613	1-247-887-00	CARBON	220K	5%	1/4W	
R516	1-247-903-00	CARBON	1M	5%	1/4W		R614	1-249-435-11	CARBON	33K	5%	1/4W	
R517	1-249-408-11	CARBON	180	5%	1/4W		R641	1-249-429-11	CARBON	10K	5%	1/4W	
0540	4 040 447 44	0100011	414	F8/	4 / 100		DC 40	1 040 441 41	OADDON	1001	F0/	4 / 4111	
R518	1-249-417-11		1K	5%	1/4W		R643	1-249-441-11		100K		1/4W	
R519	1-249-429-11		10K	5%	1/4W		R644	1-247-887-00		220K	5%	1/4W	
R520	1-249-435-11		33K	5%	1/4W		R651	1-249-429-11		10K	5%	1/4W	
R521	1-249-433-11		22K	5%	1/4W		R701	1-249-417-11		1 K	5%	1/4W	
R522	1-249-433-11	CARBON	22K	5%	1/4W		R702	1-249-438-11	CARBON	56K	5%	1/4W	
R523	1-249-433-11	CARBON	22K	5%	1/4W		R703	1-249-412-11	CARBON	390	5%	1/4W	
R525	1-249-429-11		10K	5%	1/4W		R704	1-249-438-11		56 K	5%	1/4W	
R529	1-249-429-11		10K	5%	1/4W		₹ R705	1-212-881-11		100	5%	1/4W	E
R530	1-249-413-11		470	5%	1/4W		₹ R706	1-212-881-11		100	5%	1/4W	
								1-249-417-11		1 K		1/4W	Г
R531	1-249-429-11	CARBUN	10K	5%	1/4W	(UK)	R707	1-249-411-11	CARBON		5%	1/411	
R532	1-249-429-11	CARBON	10K	5%	1/4W	(UK)	R708	1-249-430-11	CARBON	12K	5%	1/4W	
R533	1-249-429-11		10K	5%	1/4W	(UK)	R709	1-249-441-11	CARBON	100K	5%	1/4W	
R534	1-249-427-11		5. 8K		1/4W		R710	1-217-156-00	RES, METAL P	LATE		0.22	
R535	1-247-895-00		470K	5%	1/4W		R711	1-247-727-11		. 10	5%	1/2W	
R537	1-249-441-11		100K		1/4W		R712	1-247-727-11		10	5%	1/2W	
R551	1-247-897-11		560K		1/4W		R713	1-249-438-11		56K	5%	1/4W	
R552	1-249-437-11		47 K		1/4W		R714	1-249-429-11		10K	5%	1/4W	
R553	1-247-897-11	CARBON	560K		1/4W		R715	1-249-441-11		100K	5%	1/4W	
R556	1-249-429-11	CARBON	10K		1/4W		R716	1-249-417-11		1 K	5%	1/4W	
R557	1-247-887-00	CARBON	220K	5%	1/4W		R718	1-249-437-11	CARBON	47 K	5%	1/4W	
R558	1-249-427-11	CARRON	6.8K	5%	1/4W		R719	1-249-487-11	CARRON	15K	5%	1/2W	
R559	1-249-427-11		6. 8K		1/4W		⚠ R720	1-216-456-00		820	5%	2W	F.
R560	1-247-903-00		1M	5%	1/4W		R722	1-247-903-00		1M	5%	1/4W	
R561	1-247-903-00		1M		1/4W		R723	1-249-433-11		22K	5%	1/4W	
	1-247-903-00			5%	1/4W		R724	1-249-428-11		8. 2K	5%	1/4W	
R562	1-247-903-00	CANDON	1M ·	376	1/411		1124	1-243-420-11	CANDUN	0. ZN	J/0	1/411	
R563	1-247-903-00	CARBON	1M	5%	1/4W		R751	1-249-417-11	CARBON	1 K	5%	1/4W	
R564	1-247-903-00	CARBON	1M	5%	1/4W		R752	1-249-438-11	CARBON	56K	5%	1/4W	
R565	1-247-903-00	CARBON	1M	5%	1/4W		R753	1-249-412-11	CARBON	390	5%	1/4W	
R566	1-247-903-00		1M ·	5%	1/4W		R754	1-249-438-11	CARBON	56K	5%	1/4W	*
R569	1-249-429-11		10K	5%	1/4W								
							R757	1-249-417-11		1 K	5%	1/4W	
R570	1-249-435-11	CARBON	33K	5%	1/4W		R758	1-249-430-11	CARBON	12 K	5%	1/4W	
R570	1-249-435-11	CARBON	33K	5%	1/4W		R759	1-249-441-11	CARBON	100K	5%	1/4W	
R575	1-249-429-11	CARBON	10K	5%	1/4W	(UK)	<u> </u>	1-217-156-00	RES, METAL P	LATE 0.2	2	5 W	F
R584	1-249-427-11		6.8K	5%	1/4W		R761	1-247-727-11	CARBON	10	5%	1/2W	
R585	1-247-895-00		470K	5%	1/4W		27.3						
							R762	1-247-727-11	CARBON	10:	5%	1/2W	
R601	1-249-429-11	CARBON	10K	5%	1/4W		R763	1-249-437-11	CARBON	47 K	5%	1/4W	
	1-249-438-11	CARBON	56K	5%	1/4W		R773	1-249-433-11	CARBON	22K	5%	1/4W	
R602													
R603	1-247-848-11	CARBON	5. 1K	5%	1/4W		<u> </u>	1-215-917-11	METAL OXIDE	1 K	5%	3W	F

The components identified by mark A or dotted line with mark A are critical for safety.

Replace only with part number specified.

IAIN	POW	/ER Al	MP	MIC	PA	NEL	•				
Ref. No.	Part No. [Description			Remark	Ref. No.	Part No.	Description			Rema
			8.2K 5	5% 1/-		R409	1-249-429-11	CARBON	10K	5% 1/	/4W.
	1-249-428-11			5% 1/		R410	1-249-405-11		100	5% 1/	/4W
	1-249-428-11 (F 01/ F	5% 1/:		R411	1-249-405-11		100	5% 1/	/4W
	1-249-421-11		**	5% 1/		R412	1-249-405-11	CARBON	100	5% 1/	/4W
R806	-249-421-11 N	MANDON	2.2.			R413	1-249-405-11	CARBON	100	5% 1,	/4W
	•	< RELAY >						< VARIABLE F	RESISTOR >		
RY701	1-515-765-11	RELAY				RV401	1-241-317-11	RES, VAR, CA	ARBON 50K	(MIC LEV	EL)
		< SWITCH >				******	******	******	********	******	****
<u></u> 1	1-554-920-51	SWITCH, PUSH	(AC POWER)) (1 KEY)		*	A-4347-263-A A-4347-262-A	PANEL BOARD,	COMPLETE	E (AEP) E (UK)	
		< TERMINAL BO	OARD >			*	H 4041 202 N	******			
T1:744	1-537-240-11	TERMINAL ROAL	RD (CHECKE	R PINI		*	4-934-853-01				
IM/01	1-53/-24U-11 ********	**************	******	******	*****	*	4-950-648-01	HOLDER (FU)			
******	********	******				*	4-950-649-01	HOLDER, FL	TUBE		
*	1-643-545-11	MIC BOARD *****						< CAPACITOR	>		
						C623	1-126-059-11	ELECT	10uF	20%	5
*		< CAPACITOR	,			C624	1-126-059-11			20%	5
	4 400 040 00	MANUE A.D.	100005	5%	200V	C625	1-124-034-51		33uF	20%	1
C401	1-106-343-00		1000PF 0. 15uF	5%	50V	C626	1-126-059-1		10uF	20%	5
C402	1-136-167-00		0. 15ur 68PF	5%	50V	C627	1-126-300-1		0.47uF	20%	
C403	1-162-219-31		220PF	10%	50V	1					
C404	1-162-286-31		4. 7uF	20%	50V	C631	1-162-207-3	1 CERAMIC	22PF	5%	
C405	1-120-103-11	ELLOI	4. FUI	2070	***	C673	1-126-059-1	1 ELECT	10uF	20%	. (
0406	1-126-163-11	FLECT	4. 7uF	20%	50V	C674	1-126-059-1		10uF	20%	,
C406 C407	1-162-286-31		220PF	10%	50V	C675	1-124-034-5	1 ELECT	33uF	20%	
C407	1-126-163-11		4. 7uF	20%	50 V	C676	1-126-059-1	1 ELECT	10uF	20%	. !
C409	1-124-034-51		33uF	20%	16V						
C410	1-124-034-51		33uF	20%	16V	C681	1-162-207-3		22PF	. 5%	!
						C901	1-124-473-1		1000uF	20%	5.
		< CONNECTOR	>			C902		1 DOUBLE LAY		20%	
						C903	1-124-994-1		100uF 0.01uF	5%	
* CN401	1-564-509-11	PLUG, CONNE	CTOR 6P			C904	1-136-153-0	U FILM	0.0101		
		< 10 >				C905	1-136-153-0		0. 01uF		
						C906	1-136-153-0		0.01uF		
10401	8-759-636-73	IC M5218A	L-22			C907	1-136-159-0		0. 033u	F 5%	
10401						C908	1-164-159-1		0. 1uF		
		< JACK >				C909	1-164-159-1	1 CERAMIC	0. 1uF		
J401	1-507-854-00	JACK, PHONE	(M1C)			C910	1-164-070-1		100PF	5%	
. 3,01						C911	1-136-165-0		0. 1uF	5%	
		< RESISTOR	>			C912			0. 1uF	5% 5%	
						C913			0. 1uF 10uF	20%	
R401	1-249-441-1		100K		1/4W	C914	1-126-059-	II ELECT	IVUT	207	٧
R402	1-249-429-1		10K		1/4W	0045	1-136-153-	nn FIIM	0. 01uF	5%	
R403	1-249-417-1		1 K		1/4W	C915			470PF		
R404	1-249-440-1		82K		1/4W	C916			470PF		
R405	1-249-429-1	1 CARBON	10K	5%	1/4W	C917			0. 1uF		
				Enr	1 / 4\1	C918			0. 1uF		
R406			6. 8K		1/4W	6919		II VERABII V			
R407			82K		1/4W	l .		11 CERAMIC	0. 1uF		
0.400	1-249-409-1	1 CARBON	220	5%	1/4W	C920	1-104-109-	II OFWWII	v. rur		

The components identified by mark \bigwedge or dotted line with mark \bigwedge are critical for safety. Replace only with part number specified.

PANEL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	Remark
C921	1-162-294-31	CERAMIC	0. 001uF	10%		D918	8-719-313-69	LED SEL3210S-0	D (PROGRAM FUNCTION)
C922	1-164-159-11	CERAMIC	0. 1uF		50V	D919	8-719-313-69	LED SEL3210S-C	D (EFECT)
C923	1-124-229-00		33uF	20%	10V	D921	8-719-313-69	LED SEL3210S-C	D (BASS SYNTHE)
C924	1-164-159-11				50V	D923	8-719-313-69		D (CD DIRECT)
C925	1-124-229-00		33uF	20%		D924	8-719-987-63		
C926	1-126-157-11	ELECT	10uF	20%	16V	D925	8-719-301-44	LED SEL2410E-D	(VIDEO 1)
C927	1-161-374-11	CERAMIC	0. 0015u	F 20%	50V	D926	8-719-987-63	DIODE 1N4148M	
C928	1-164-081-11	CERAMIC	470PF	10%	50V	D927	8-719-301-44	LED SEL2410E-D	(VISUAL INPUT)
C929	1-164-081-11	CERAMIC	470PF	10%	50V	D928	8-719-987-63	DIODE 1N4148M	
C930	1-164-081-11	CERAMIC	470PF	10%	50V	D929	8-719-000-60	DIODE UZL-6M2	
C931	1-164-081-11	CERAMIC	470PF	10%	50V	D930	8-719-987-63	DIODE 1N4148M	
C932	1-164-081-11		470PF	10%	50V	D931	8-719-987-63	DIODE 1N4148M	
C933	1-126-157-11		10uF	20%	16V	D932	8-719-987-63	DIODE 1N4148M	
C934	1-164-159-11		0. 1uF		50V	D933	8-719-987-63		
C935	1-124-443-00		100uF	20%		D934	8-719-987-63		en e
C936	1-164-159-11	CERAMIC	0. 1uF		50 V	D935	8-719-987-63	DIODE 1N4148M	
C937	1-126-863-71		3. 3uF		50V	D936	8-719-987-63		
0001	1 120 000 11		*****		• • • • • • • • • • • • • • • • • • • •	D937	8-719-987-63		
		< VIBRATOR	>			D938	8-719-987-63		
						D939	8-719-987-63		
CF901	1-577-101-11	VIBRATOR, C	ERAMIC					DIODE TRANSMI	
						D940	8-719-987-63	DIODE 1N4148M	
		< CONNECTOR	>			D941	8-719-301-39	LED SEL2210S-D	(PHONO)
						D942	8-719-301-39	LED SEL2210S-D	(TUNER)
* CN603	1-564-508-11	PLUG, CONNE	CTOR 5P			D943	8-719-301-39	LED SEL2210S-D	(CD)
* CN604	1-564-507-11	PLUG, CONNE	CTOR 4P			D944	8-719-301-39	LED SEL2210S-D	(TAPE)
	1-568-322-11								
	1-568-834-11			P		D945	8-719-301-39	LED SEL2210S-D	(VIDEO 2)
	<u></u>					D946	8-719-313-69	LED SEL3210S-C	D (EQ)
		< CIRCUIT B	LOCK >			D947	8-719-313-69		D (PERSONAL FILE 1-5)
						D948	8-719-313-69		D (SELECT 10)
	1-232-882-11					D949	8-719-313-69		
	1-232-882-11 1-232-882-11					D950	8-719-301-39	LED SEL2210S-D	(DAT)
		. DIADE						A FLUOREDOENT INDI	AATOR
		< DIODE >						< FLUORESCENT INDI	CATUR >
D601	8-719-987-63		148M			FL901	1-519-737-11	INDICATOR TUBE, FL	UORESCENT
D901	8-719-000-81		-7L3					. 10	
D902	8-719-987-63		148M					< 10 >	
D903	8-719-200-02					10000	0.750.00	In Usara	
D904	8-719-200-02						8-759-634-50		
							8-759-801-01		
D905	8-719-987-63	DIODE 1N4	148M				8-759-060-25		1
							8-759-635-63		g North Control
D907	8-719-987-63		148M			10903	8-759-987-16	IC LM393P	
D908	8-719-987-63	DIODE 1N4	148M						1000
D909	8-719-987-63						8-759-991-11		
						10906	8-759-822-27	IC LC7565K	
D911	8-719-987-63		148M						
D912	8-719-987-63		148M			1		< COIL >	
D915	8-719-010-28								
D916	8-719-313-69		3210S-CD		PON) (UK)	L901	1-408-080-00		
D917	8-719-987-63	DIODE 1N4	148M (UK)		. ,	L902	1-408-121-00		gradual and the
						L903	1-408-121-00	INDUCTOR 22uH	

A-D607

PANEL

Dof No	Part No.	Description		Remark	Rof No	Part No.	Description			Remark
										Nemal K
		< TRANSISTOR	> '		R628	1-249-441-11	CARBON	100K	5%	1/4W
					R640	1-249-433-11	CARBON	22K	5%	1/4W
0601	8-729-224-62	TRANSISTOR	2SK246-GR		R642	1-249-425-11	CARBON	4.7K	5%	1/4W
0602	8-729-141-26		2SC3622A-LK	7 0	R650	1-249-417-11		1 K	5%	1/4W
Q603	8-729-900-63		DTA124ES		R665	1-247-887-00		220K		1/4W
Q604	8-729-900-63		DTA124ES					22711	***	., .,,
0605	8-729-119-76		2SA1175-HFE	. 4	R666	1-249-425-11	CARRON	4. 7K	5%	1/4W
0000	0 123 113 10	THANOTOTON	20////// 11/2		R667	1-247-895-00		470K		1/4W
Q606	8-729-900-80	TOANGISTOR	DTC114ES		R668	1-249-428-11		8. 2K		1/4W
Q651	8-729-224-62		2SK246-GR		R669	1-249-425-11		4. 7K		1/4W
Q652	8-729-141-26		2SC3622A-LK		R670	1-249-405-11			- 5%	1/4W
	8-729-141-20		2SC2603-EF		W010	1-245-405-11	CARBON	100	370	1/ 411
Q901					R671	1 040 417 11	CADDON	1 K	E 0/	1 / AW
0902	8-729-620-05	IKANSISIUK	2SC2603-EF			1-249-417-11		33K	5%	1/4W
0000	0 700 000 05	TOANOLOTOD	0000000 FF		R674	1-249-435-11				1/4W
0903	8-729-620-05		2SC2603-EF		R675	1-249-426-11		5. 6K		1/4W
0904	8-729-900-80		DTC114ES		R676	1-249-428-11		8. 2K		1/4W
0905	8-729-900-80		DTC114ES		R692	1-249-425-11	CARBON	4. 7K	5%	1/4W
Q906	8-729-900-80		DTC114ES	,						
Q907	8-729-900-80	TRANSISTOR	DTC114ES		R901	1-249-429-11		10 K	5%	1/4W
					R902	1-249-433-11		22K	5%	1/4W
0908	8-729-900-80		DTC114ES (UI	()	R903	1-249-433-11		22K	5%	1/4W
0909	8-729-900-80	TRANSISTOR	DTC114ES	0 .74	R904	1-249-433-11		22K	5%	1/4W
Q910	8-729-900-80	TRANSISTOR	DTC114ES		R905	1-249-441-11	CARBON	100K	5%	1/4W
Q911	8-729-900-80	TRANSISTOR	DTC114ES							
Q912	8-729-900-80	TRANSISTOR	DTC114ES		R906	1-249-417-11	CARBON	1 K	5%	1/4W
					R907	1-249-441-11	CARBON	100K	5%	1/4W
Q913	8-729-900-80	TRANSISTOR	DTC114ES		R908	1-249-428-11	CARBON	8.2K	5%	1/4W
0914	8-729-900-80	TRANSISTOR	DTC114ES		R909	1-249-428-11	CARBON	8. 2 K	5%	1/4W
Q915	8-729-620-05	TRANSISTOR	2SC2603-EF		R910	1-249-417-11	CARBON	1 K	5%	1/4W
Q916	8-729-620-05	TRANSISTOR	2SC2603-EF							
0917	8-729-620-05	TRANSISTOR	2SC2603-EF		R911	1-249-425-11	CARBON	4.7K	5%	1/4W
		1	*		R912	1-249-425-11	CARBON	4.7K		1/4W
0918	8-729-620-05	TRANSISTOR	2SC2603-EF	* *	R913	1-249-425-11		4.7K		1/4W
0919	8-729-620-05		2SC2603-EF		R915	1-249-429-11		10K	5%	1/4W
Q920	8-729-620-05		2SC2603-EF		R916	1-249-429-11		10K	5%	1/4W
Q921	8-729-900-80		DTC114ES							
0922	8-729-900-80		DTC114ES	. :	R917	1-249-429-11	CARBON	10K	5%	1/4W
4322	0 125 000 00	111111010101	01011120		R918	1-249-433-11		22K	5%	1/4W
0923	8-729-900-80	TRANSISTOR	DTC114ES		R919	1-249-441-11		100K		1/4W
	8-729-900-63		2SA1346 (UK)		R920	1-249-441-11		100K		1/4W
4924	0-129-900-03	INAMOIOION	23A1340 (OK)					100K		
		/ DEGLETAD .			R921	1-249-441-11	VARDUR	IUUK	376	1/4W
		< RESISTOR >	•	1	pnoo	1-249-441-11	CADDON	1004		1/4W
DC4F	4 047 007 00	CADDON	2207 564	1 / 438	R922			100K		
R615	1-247-887-00		220K 5%	1/4W	R923	1-249-417-11		1 K	5%	1/4W
R616	1-249-425-11		4. 7K 5%	1/4W	R924	1-249-417-11		1 K	5%	1/4W
R617	1-247-895-00	The second second	470K 5%	1/4W	R925	1-249-417-11		1 K	5% 5%	1/4W
R618	1-249-428-11		8. 2K 5%	1/4W	R926	1-249-417-11	CARBON	1 K	5%	1/4W
R619	1-249-425-11	CARBON	4.7K 5%	1/4W		4 444 447 **	0.550			4.7.000
					R927		CARBON		5%	1/4W
R620	1-249-405-11		100 5%	1/4W	R928	1-249-417-11		1 K	5%	1/4W
R621	1-249-417-11		1K 5%	1/4W	R929	1-249-417-11		110	5%	1/4W (UK)
R622	1-249-429-11	CARBON	10K 5%	1/4W	R930	1-249-441-11	CARBON	100K	5%	1/4W
R623	1-249-441-11	CARBON	100K 5%	1/4W	R931	1-249-441-11	CARBON	100K	5%	1/4W
R624	1-249-435-11	CARBON	33K 5%	1/4W				· 4		
					R932	1-249-441-11	CARBON	100K	5%	1/4W
R625	1-249-426-11	CARBON	5.6K 5%	1/4W	R933	1-249-417-11	CARBON	1 K	5%	1/4W
R626	1-249-428-11	CARBON	8.2K 5%	1/4W	R934	1-249-417-11	CARBON	1K	5%	1/4W
R627	1-249-433-11	CARBON	22K 5%	1/4W	R935	1-249-417-11	CARBON	1 K	5%	1/4W

PANEL

PIN JACK

Ref. No.	Part No.	Description :	Remark	Ref. No.	Part No.	Description .		Remark
R936	1-249-417-11			\$910		SWITCH, TACTILE	(SELECT 10)	
R937	1-249-433-11			\$911		SWITCH, TACTILE		
R938	1-249-433-11			\$912		SWITCH, TACTILE		
R939	1-249-405-11			\$913		SWITCH, TACTILE		
R940	1-249-439-11		6 1/4W	\$914		SWITCH, TACTILE	, ,	
11340	1 243 403 11	OANDON OOK OA	0 1/411	0314	1 004 000 21	OWITOIL TAOTILE	(4)	
R941	1-249-441-11	CARBON 100K 59	6 1/4W	\$915	1-554-303-21	SWITCH, TACTILE	(REVERSE)	
R942	1-249-441-11			\$916		SWITCH, TACTILE		
R943	1-249-441-11		•	\$917		SWITCH, TACTILE		
R944	1-249-412-11			\$918		SWITCH, TACTILE		
R945	1-249-413-11			\$919		SWITCH, TACTILE		
R946	1-249-411-11	CARBON 330 59	6 1/4W	\$920	1-554-303-21	SWITCH, TACTILE	(VIDEO 1).	
R947	1-249-411-11	CARBON 330 59	6 1/4W	\$921	1-554-303-21	SWITCH, TACTILE	(DISPLAY)	
R948	1-249-411-11	CARBON 330 59	6 1/4W	\$922	1-554-303-21	SWITCH, TACTILE	(EFFECT)	
R949	1-249-413-11	CARBON 470 59	6 1/4W	\$923	1-554-303-21	SWITCH, TACTILE	(BASS SYNTHE)	
R950	1-249-410-11	CARBON 270 59	6 1/4W	\$924	1-554-303-21	SWITCH, TACTILE	(KARAOKE PON)	
				******	*****	******	******	*****
R951	1-249-411-11	CARBON 330 59	6 1/4W					
R952	1-249-393-11	CARBON 10 59	6 1/4W		A-4347-264-A	PIN JACK BOARD		
R953	1-249-419-11	CARBON 1. 5K 59	6 1/4W			******		
R954	1-249-441-11	CARBON 100K 59	6 1/4W					
R955	1-249-409-11	CARBON 220 59	6 1/4W			< CAPACITOR >		
DOTE	1 0 47 801 00	040001 2207 50	2 1 / 414	0100	1 100 101 11	ELECT 0	0	E01/
R956	1-247-891-00			1	1-126-161-11			50V
R957	1-249-432-11			C103	1-162-282-31		0PF 10%	50V
R958	1-247-891-00			C104	1-162-219-31		PF 5%	50 V
R961	1-249-441-11			C105	1-126-022-11		uF 20%	10V
R962	1-249-441-11	CARBON 100K 59	6 1/4W	C106	1-130-480-00	MYLAN U.	0056uF 5%	50 V
R963	1-249-441-11	CARBON 100K 59	6 1/4W	C107	1-106-347-00	MYLAR 150	00PF 5%	200V
R964	1-249-441-11	CARBON 100K 59	6 1/4W	C108	1-124-464-11	ELECT 0. :	22 u F 20%	50V
R965	1-249-441-11			C109	1-124-034-51		uF 20%	16V
R966	1-249-396-11			C111	1-126-233-11		uF 2 0 %	50V
R967	1-249-396-11			C113	1-126-233-11		uF 20%	50 V
11001	1 240 000 11		,,		200			***
R968	1-249-396-11	CARBON 18 59	6 1/6W	C116	1-126-233-11	ELECT 22	uF 20%	50 V
R969	1-249-396-11	CARBON 18 59	6 1/6W	C117	1-124-034-51	ELECT 33	uF 20%	16V
R970	1-249-396-11	CARBON 18 59	6 1/6W	C118	1-124-034-51	ELECT 33	uF 20%	16 V
				C152	1-126-161-11	ELECT 2.	2uF 20%	50 V
		< VARIABLE RESISTOR >		C153	1-162-282-31	CERAMIC 100	JPF 10%	50V
B.15 - 1	4 044 077 11	DEO WAD GARROW AAN		2151	1 100 010 11	OLDANIO	DF	FAY
RV601	1-241-879-11	RES, VAR, CARBON 20K		C154	1-162-219-31		PF 5%	50V
			SESISER LEVEL)	C155		ELECT 47		10V
RV602	1-238-459-11	RES, VAR, CARBON 100K (BALANCE)	C156	1-130-480-00		0056uF 5%	50 V
				C157	1-106-347-00			200V
	* 1:	< SWITCH >		C158	1-124-464-11	ELECT 0.	22uF 20%	50 V
\$901	1-554-303-21	SWITCH, TACTILE (PROGRAM	A FUNCTION)	C159	1-124-034-51	ELECT 331	uF 20%	16V
S902				C161	1-126-233-11		uF 20%	50V
\$903		SWITCH, TACTILE (PHONO)		C163	1-126-233-11		uF 20%	50 V
\$904		SWITCH, TACTILE (THORO)		C166	1-126-233-11		uF 20%	50 V
\$905		SWITCH, TACTILE (►)		C167	1-124-034-51		uF 20%	16V
0300	1 007 000 21	ONLINE INVITED (F)		0101	. 121 007 01	22201		101
\$906	1-554-303-21	SWITCH, TACTILE (PERSONA	AL FILE 1-5)	C168	1-124-034-51	ELECT 33	uF 20%	16 V
\$907		SWITCH, TACTILE (TUNER)		C201	1-126-059-11	ELECT 10	uF 20%	50 V
\$908	1-554-303-21	SWITCH, TACTILE (SURROU)		C202	1-124-471-00	ELECT 10	00uF 20%	6. 3V
\$909		SWITCH, TACTILE (CD DIRE		C203	1-126-059-11	ELECT 10	uF 20%	50V

PIN JACK

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
0204	1-124-471-00	FL FCT	1000uF	20%	6. 3V	R111	1-249-405-11		100	5%	1/4W
	1-161-379-00). 01uF	20%	25V	R112	1-249-423-11		3.3K	5%	1/4W
	1-124-997-11		470uF	20%	10 V	R113	1-249-429-11	CARBON	10K	5%	1/4W
6200	1 124 331 11	22201				R114	1-249-417-11	CARBON	1 K	5%	1/4W
		< CONNECTOR >				R115	1-247-903-00	CARBON	1 M	5%	1/4W
. 01101	1 500 220_11	PLUG, CONNECT	nr ap			R116	1-249-413-11	CARBON	470	5%	1/4W
* UNIUI	1 560 220-11	PLUG, CONNECT	OR RP			R117	1-247-903-00	CARBON	1M	5%	1/4W
* CNIUZ	1-300-320-11	TEOU, COMMENT	011 01			R118	1-249-417-11	CARBON	1 K	5%	1/4W
		< DIODE >				R119	1-247-903-00	CARBON	1M	5%	1/4W
		(D100E)				R120	1-249-405-11	CARBON	100	5%	1/4W
D101	8-719-987-63					D101	1-249-405-11	CARRON	100	5%	1/4W
D102	8-719-987-63					R121 R122	1-249-403-11		1 K	5%	1/4W
D201	8-719-987-63	DIODE 1N414	8M			R123	1-249-417-11		1 K	5%	1/4W
						R124	1-249-417-11		1 K	5%	1/4W
		< 10 >				R125	1-249-417-11		1 K	5%	1/4W
10101	8-759-636-73	IC M5218AL-	22								
	8-759-000-48					R126	1-249-433-11	CARBON	22K	5%	1/4W
	8-759-000-49					R151	1-249-417-11	CARBON	1 K	5%	1/4W
	8-759-514-76					R152	1-249-441-11	CARBON	100K	5%	1/4W
10201	0 100 011					R153	1-249-417-11	CARBON	1 K	5%	1/4W
		< JACK >				R154	1-249-441-1	CARBON	100K	5%	1/4W
	4 500 040 4	LACK DIN CD	(PHONO/C	יח / עו וויד	02)	R155	1-249-416-1	1 CARBON	820	5%	1/4W
* J101		JACK, PIN 6P	(VIDEO1			R156	1-247-897-1		560K	5%	1/4W
J102		1 JACK, PIN 4P 1 JACK, PIN 2P	(VIDEO2			R157	1-249-437-1		47 K	5%	1/4W
J201 J202		1 JACK, PIN 2P	(VIDEO1/			R158	1-249-417-1	1 CARBON	1 K	5%	1/4W
J202	1-303-334-1	1 JAOK, 1111 21	•	NITOR O		R159	1-249-441-1	1 CARBON	100K	5%	1/4W
						R160	1-249-405-1	1 CARBON	100	5%	1/4W
		< COIL >				R161	1-249-405-1		100	5%	1/4W
		O INDUCTOR 10	١١			R162	1-249-423-1		3.3K	5%	1/4W
L201	1-408-080-0	U INDUCTOR TO	uun			R163	1-249-429-1		10K	5%	1/4W
		< TRANSISTOR	>			R164	1-249-417-1	1 CARBON	1 K	5%	1/4W
						D165	1-247-903-0	O CARRON	1M	5%	1/4W
0101		3 TRANSISTOR	DTA124ES			R165	1-247-903-0		470	5%	1/4W
0201		7 TRANSISTOR	2SA1175-			R167	1-247-903-0		1M	5%	1/4W
0202		3 TRANSISTOR	DTA124ES			R168	1-249-417-1		1 K	5%	1/4W
	8-729-119-7		2SA1175- DTC114ES			R169	1-247-903-0		1M	5%	1/4W
0204	8-729-900-8	O TRANSISTOR	DICTIALS								
0205	8-729-620-0	5 TRANSISTOR	2SC2603-	EF		R170	1-249-405-1	1 CARBON	100	5%	1/4W
0206		3 TRANSISTOR	DTA124ES			R171	1-249-405-1		100	5%	1/4W
						R201	1-247-804-1		75	5%	1/4W
		< RESISTOR >				R202	1-249-403-1		68	5%	1/4W
			• 11	F#/	4 / 4111	R203	1-249-429-1	1 CARBON	10K	5%	1/4W
R101	1-249-417-1		1 K	5% 5%	1/4W	R204	1-247-804-1	I CARRON	75	5%	1/4W
R102	1-249-441-1		100K		1/4W	R204	1-249-403-1		68	5%	1/4W
R103	1-249-417-1		1 K 100 K	5% 5%	1/4W 1/4W	R206	1-249-409-		10K	5%	1/4W
R104	1-249-441-		820	5%	1/4W	R207	1-249-408-		180	5%	1/4W
R105	1-249-416-	II CAKBUN	820	370	1/ 4#	R208	1-249-408-		180	5%	1/4W
R106	1-247-897-	11 CARBON	560K	5%	1/4W	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -				F.6.	1 / 410
R107	1-249-437-	11 CARBON	47 K	5%	1/4W	R209	1-249-408-		180	5%	1/4W
R108	1-249-417-	11 CARBON	1 K	5%	1/4W	R210	1-249-433-		22K	5%	1/4W
R109	1-249-441-	11 CARBON	100K		1/4W	R211			5. 6 K		1/4W
R110	1-249-405-	11 CARBON	100	5%	1/4W	R212	1-249-433-	II CAKBON	22K	5%	1/4W

PIN JACK VOL

Ref. No.	Part No.	Description Remark
R213	1-249-408-11	CARBON 180 5% 1/4W
	1-249-417-11	
	******	************
*	1-643-547-11	VOL BOARD

		< CAPACITOR >
0620	1-136-165-00	FILM 0.1uF 5% 50V
	1-124-443-00	1124
	1-124-472-11	
	1-124-994-11	
		< CONNECTOR >
		PLUG, CONNECTOR 3P
CN607	1-568-321-11	SOCKET, CONNECTOR 10P
		< DIODE >
	:	V 8100E 7
D910	8-719-010-32	DIODE UZ-4. 7BSA
		DIODE 10E2
D914	8-719-200-02	DIODE 10E2
		< 10 >
10004	0 750 000 60	10 101620
10904	8-759-820-62	10 10009
		< RESISTOR >
R914	1-249-405-11	CARBON 100 5% 1/4W
		WARLANIE PEGLOTOR >
		< VARIABLE RESISTOR >
DARUS	1_238_708_21	RES, VAR, CARBON 10K/100K/100K (VOLUME)

		MISCELLANEOUS

14		WIRE, FLAT TYPE (15 CORE)
<u></u> 58		I CORD, POWER (AEP) I CORD, POWER (UK)
V E 0		TRANSFORMER, POWER
<u>↑</u> 58	1-160-277-1	I I I I I I I I I I I I I I I I I I I
<u>1</u> ₹58 1 1901	1-450-8/2-1	
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<u> </u>	**************************************	ES & PACKING MATERIALS ******************
<u> </u>	**************************************	ES & PACKING MATERIALS ************************************

ef. No.	Part No.	Description	3	Remark

HARDWARE LIST

#1	7-685-646-79 SCREW +BVTP 3X8 TYPE2 N-S	
#2	7-621-773-93 SCREW (PANEL 2.6 TP2)	
#3	7-682-548-04 SCREW +BVTT 3X8 (S)	
#4	7-685-650-79 SCREW +BVTP 3X16 TYPE2 IT-3	
#5	7-682-560-04 SCREW +BVTT 4X6 (S)	
#6	7-621-849-00 SCREW (BV/RING)	

The components identified by mark \(\underbrack \) or dotted line with mark \(\underbrack \) are critical for safety. Replace only with part number specified.